Chapter 1

Data representation

Key Vocabulary

Axe	المحور	Metre	متر
Bar graph	التمثيل البيانى بالأعمدة	Millimeter	الملليمتر
Centimeter	سنتيمتر	Number line	خط الأعداد
Check list	قائمة التحقق	Number pattern	نمط الأعداد
Estimate	تقدير	Number plots	مخطط التمثيل بالنقاط
Evaluation	التقييم	Numeral data	البيانات العددية
Greater than	أكبر من	Pattren	النمط
Head	رأس	Pictograph - Picture graph	التمثيل البيانى بالصور
Horezontsl	أفقى	Preserverance	المثابرة
Increasing	الزيادة	Refrences marks	العلامة المرجعية
Items	العناصر	Repeating	التكرار
Key	المفتاح	Smaller than	أصغر من
Length	الطول	Statistical signs	علامات الإحصاء
Line	الخط	Table	الجدوا
Measure	المقياس	Visual pattern	النمط البصري

Content

- Bakkar Self-Check
- Bakkar Exercise on lessons
- Exercise insipred from Math Journal
- Exercise inspired from Discover

Lesson (1 , 2)

The pattern - bar graph

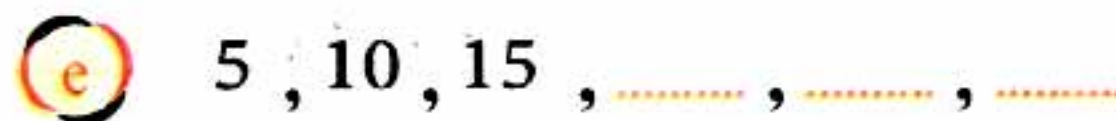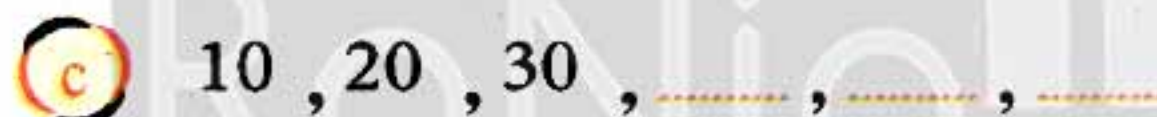**Activity 1** **Notice the pattern :**

(a) 🌼🥒 🌼🥒 🌼🥒

Hint Replay the pattern 🌼🥒

(b) 🌼🥒 🌼🌼🥒🥒 🌼🌼🌼🥒🥒🥒

Hint The increasing of shapes in each pattern.

Exercise 1 Notice and complete the pattern :

(a) ○ □ □ ○ ○ ○ □ □ ....

(b) △ ○ □ △ △ ○ ○ □ □ ....

(c) 10 , 20 , 30 , ... , ... , ...

(d) 2 , 4 , 6 , ... , ... , ...

(e) 5 , 10 , 15 , ... , ... , ...

Activities from Math Journal

Activity ✶ **Notice the pattern then complete :**

✦ ✦ ✦ ✦ ✦ ✦ ✦ ✦ ✦ ....

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Exercise 2 Predict the number of oranges in the last figure :

The number   1   2   3   ....

Hint Add 1 orange each pattern

Exercise 3 Predict the number of bells in the last figure :

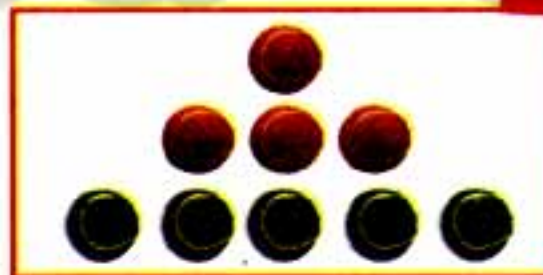The number   1   3   5   ....

Hint Add 2 bells each figure.

Exercise 4 Complete the fourth :

Math Journal

The number   4   9   16

The number ....

Hint Add Row has 2 counters more than the base row :

Bakkar Series

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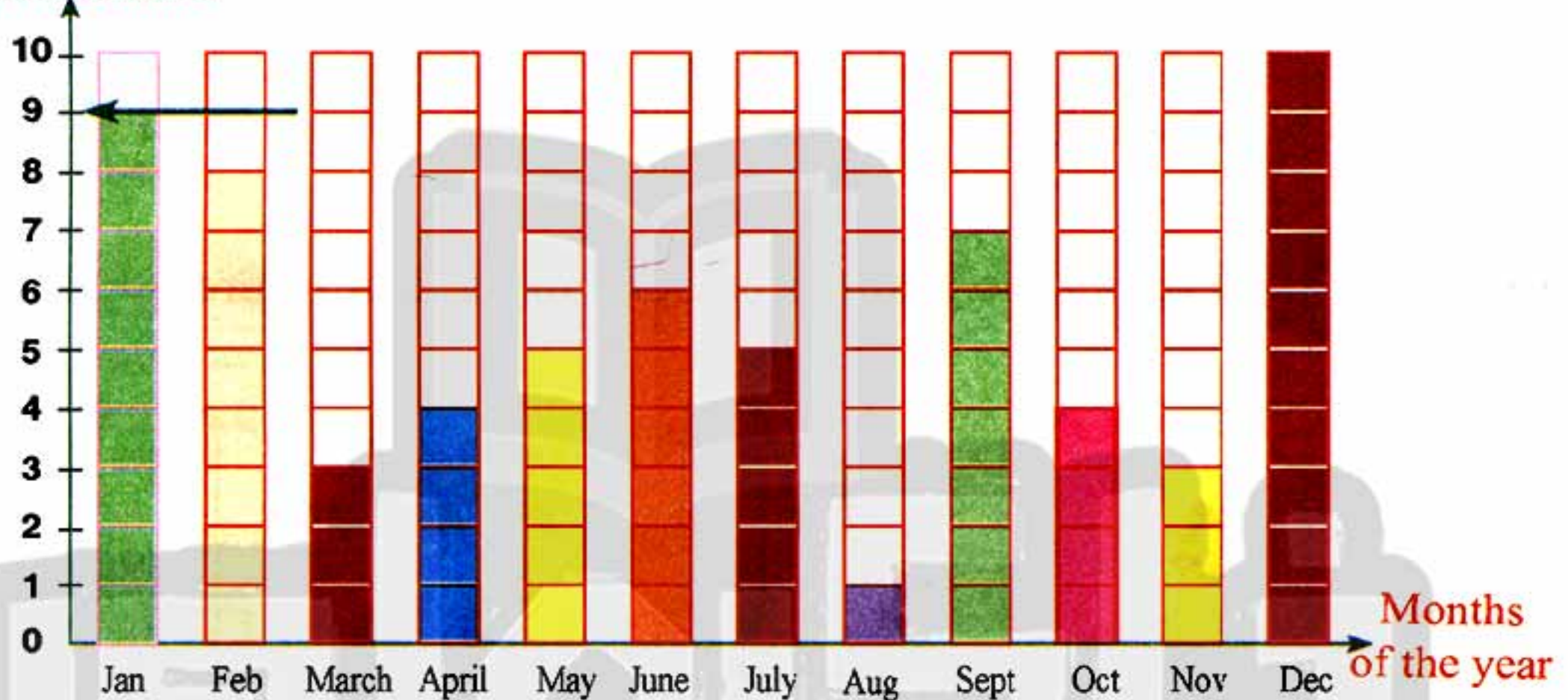**BAKKAR**

Data representation

Make a bar graph

Activity 2 By asking some pupils about their birthdays and write the number of each month then represent it by bar graph :

Number of students

Months of the year

(a) Number of student whose birthday in march = ...

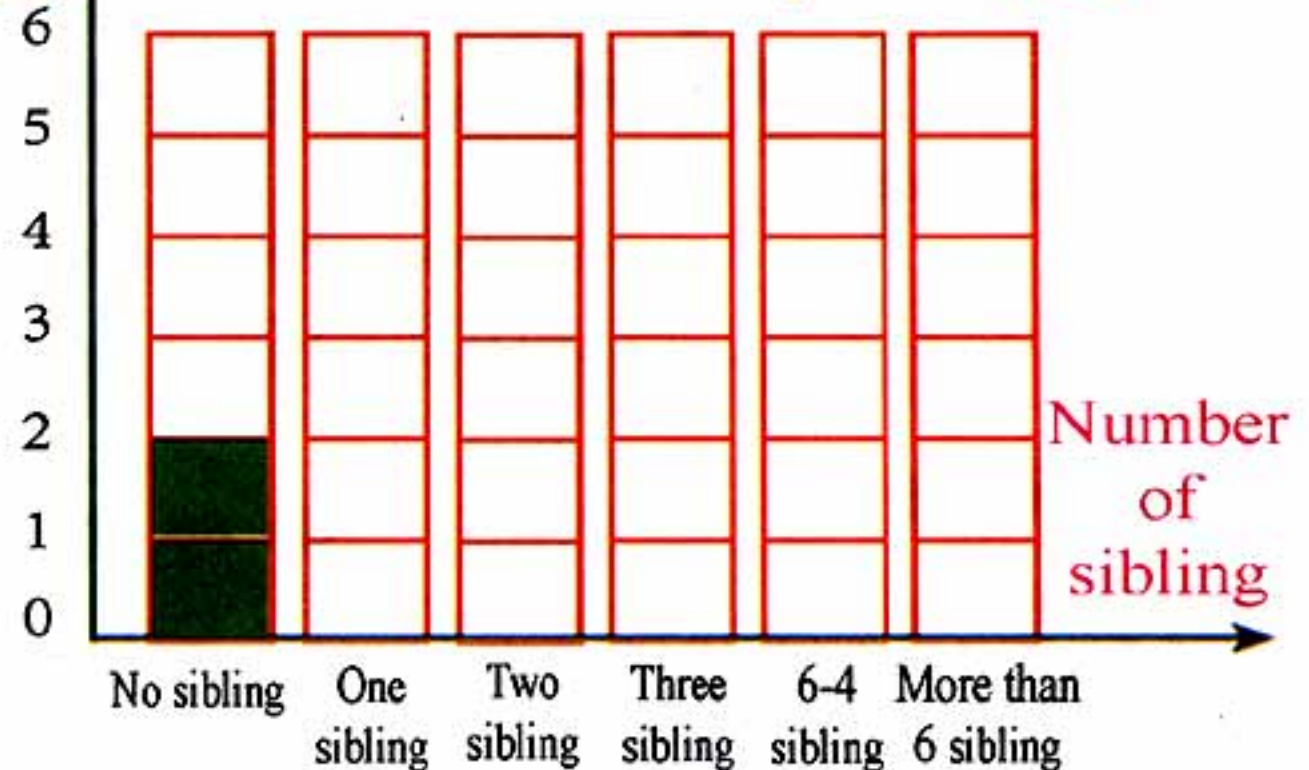(b) The month which has the most number of births = ...

Exercise 5 By asking some pupils about their siblings and write it at the table complete the bar graph :

Math Journal

Number of sibling	Number of pupils	
No sibling	///	2
One sibling	////	4
Two sibling	///	3
Three sibling	////	5
sibling 6-4	///	3
More than 6 sibling	/	1

Number of pupils

One pupil = /

Number of sibling

Primary 3 - Term 1

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Self - check on lesson (1 , 2)

1 Notice the pattern and complete :

a ◯ ▢ ◯ ▢ ....

b △ ▢ △ △ ▢ △ ....

c / // /// //// ....

d xy xyy xyyy ....

e ....

2 Complete the table and colour the bar graph :

pupil	Number of pieces	
First	////	....
Second	//	....
Third	### ###	....
Fourth	###	....
Fifth	/// ###	....

One pupil = /

The number

10 9 8 7 6 5 4 3 2 1 0

First Second Third Fourth Fifth

Pupil
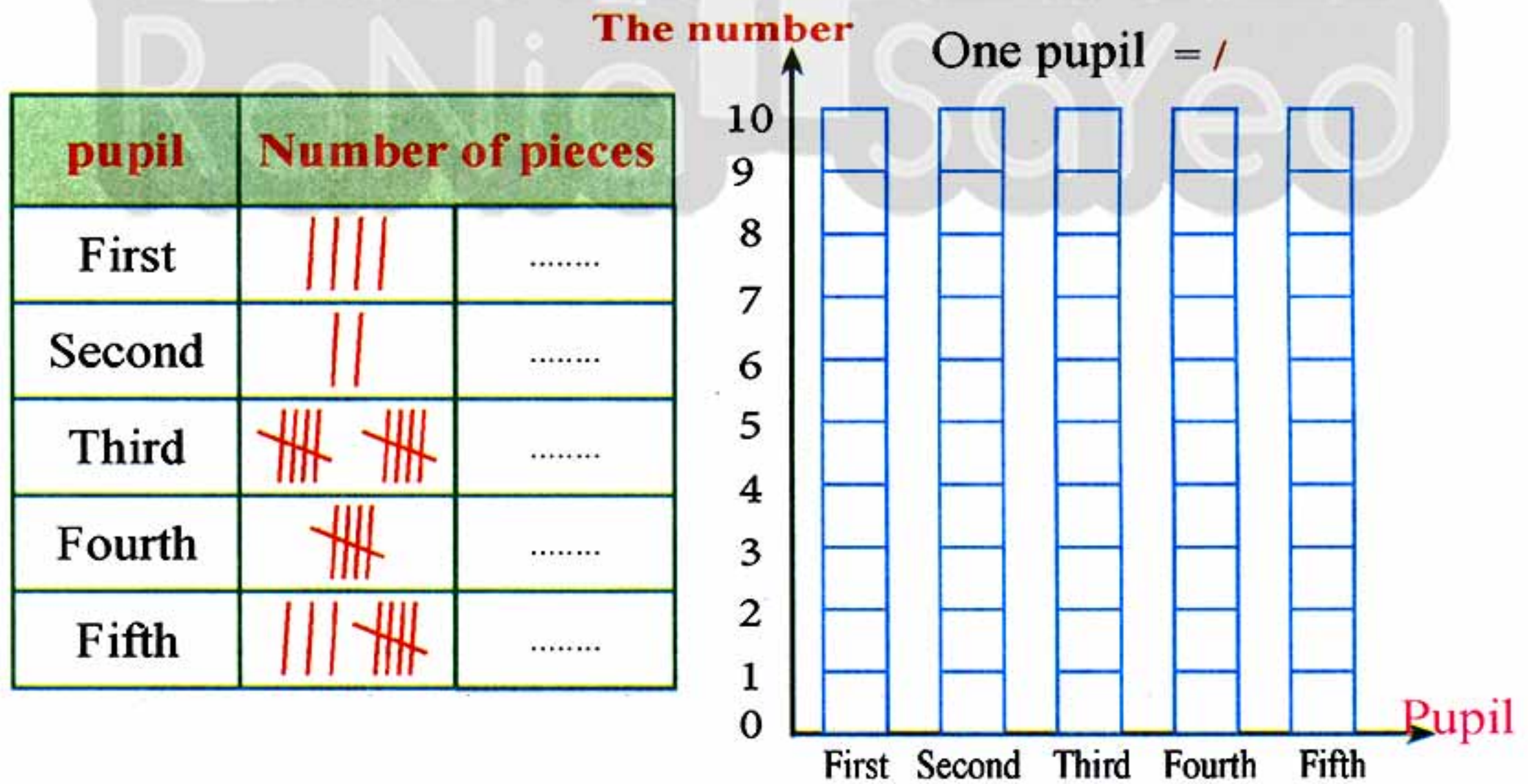
Bakkar Series

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BAKKAR

Data representation

3 The following table shows the numbers of some types of fish in a restaurant, draw the bar graph :

Kind of fish	Number of fish	
Shark	〲	.....
Mullet	〲〲〲	.....
Tuna	〲〲〲〲〲〲	.....
Mussa fish	〲〲	.....
Mackerel	〲〲〲〲	.....
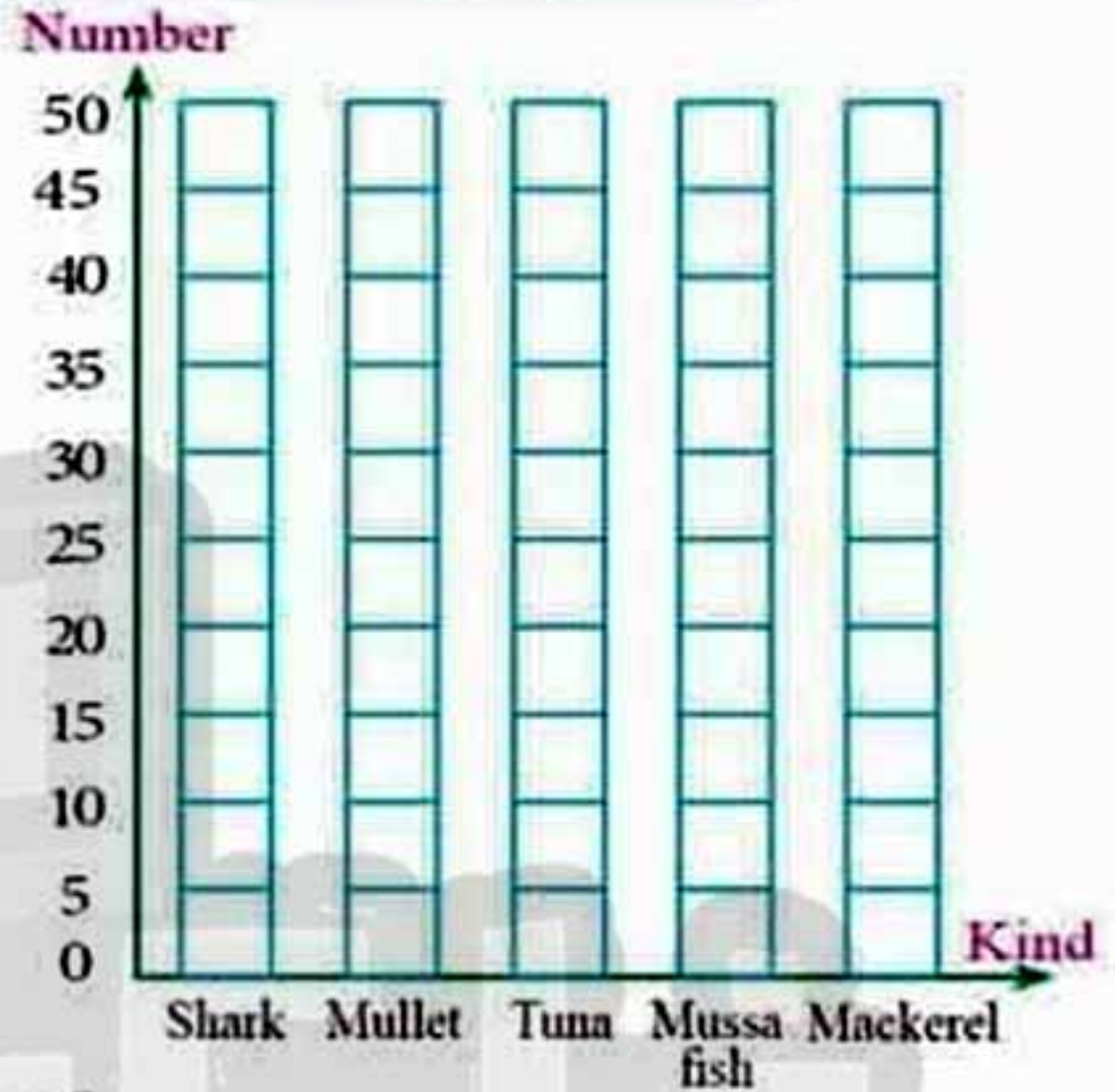
a How many tuna and sharks together ? ....

b What is the difference between the number of Tuna and Mussa? ....

4 From the table draw the bar graph :

Activity	Number	
Music	〲 |||	.....
Library	〲 〲 ||	.....
Theatre	〲 〲 ||||	.....
Draw	||||	.....
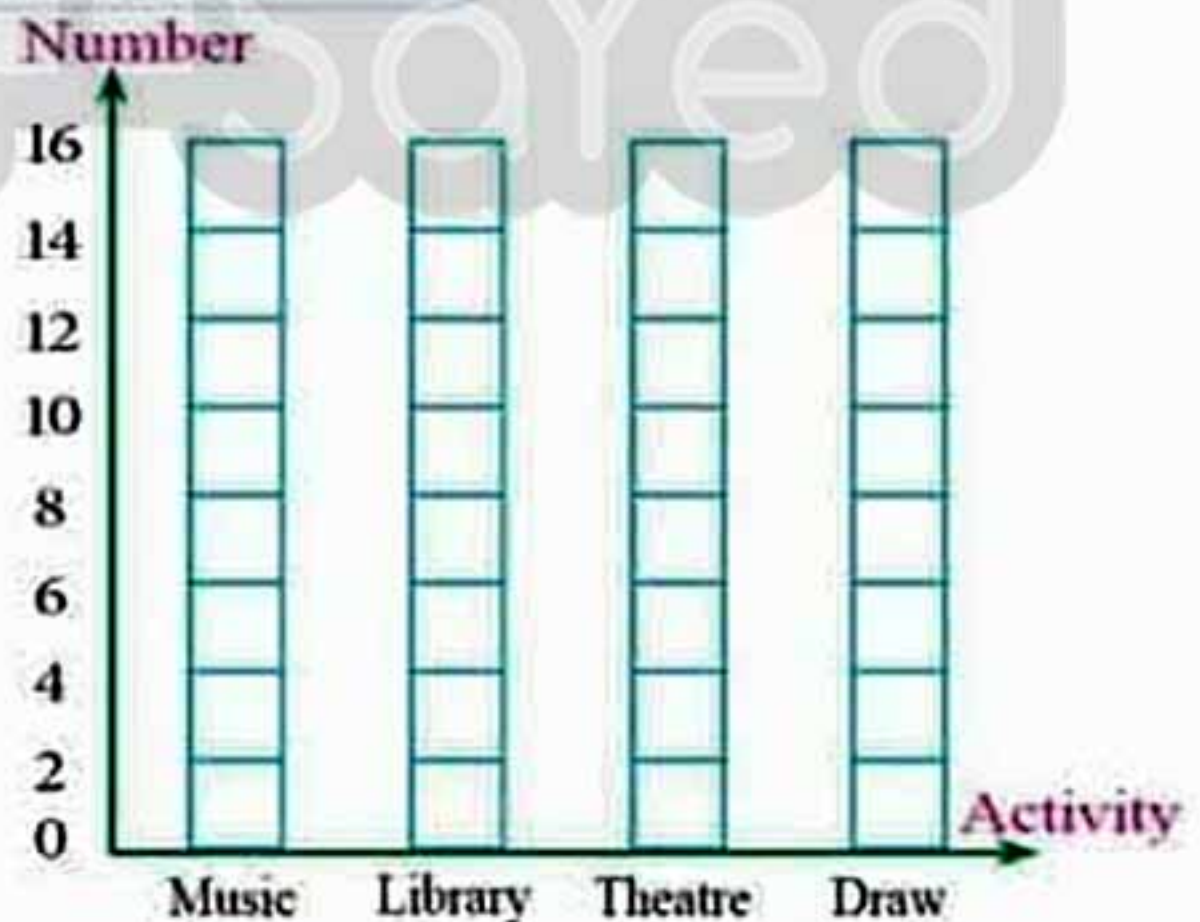
- Arrange the activities in an ascending order :

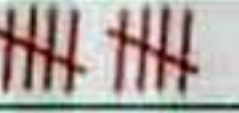................

Primary ③ - Term 1

Lesson (3 , 4)

Picture graph – line plots

Activity 1 The teacher ask the pupils about there prefer sweet and from the following table , complete the picture graph :

Math Journal

My favorite desserts	
Basbousa	IIII
kunafa	IIII ̷H̷H̷
Sweet potatoes	II ̷H̷H̷ ̷H̷H̷
Sweet feteer	III
Rice pudding	̷H̷H̷
Om Ali	̷H̷H̷ ̷H̷H̷

Basbousa	◐◐
kunafa	◐◐◐◐◐
Sweet potatoes	◐◐◐◐◐◐
Sweet feteer	
Rice pudding	
Om Ali	

Key ◐ = 2 pupils , ◑ = 1 pupil

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Exercise 1 Complete the picture graph :

Activity	Number of pupils
Sporty	IIII
Theatrical	III
Singling	II ̷H̷H̷
Musically	I ̷H̷H̷

Sporty	
Theatrical	☐ ☐
Singling	
Musically	☐ ☐ ☐

Key ☐ = 2 pupils , ☐ = 1 pupil

Bakkar Series

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Maths

BAKKAR

Data representation

The line plots

Exercise 2 Some boxes each has number of oranges write the number on the line plots :

39   32   34   37   31   42

38   41   36   40   35

 # Line plots : ** **Start by the small number from the left .**

31 ———————————————————————— 42

Exercise 3 Some bags each has a number of beans as shown complete the line plot using **X** :

53   55   53   52   52   54   51

52   52   54   53   51   53

X means 1 bag

Line plot of beans

53   53   54
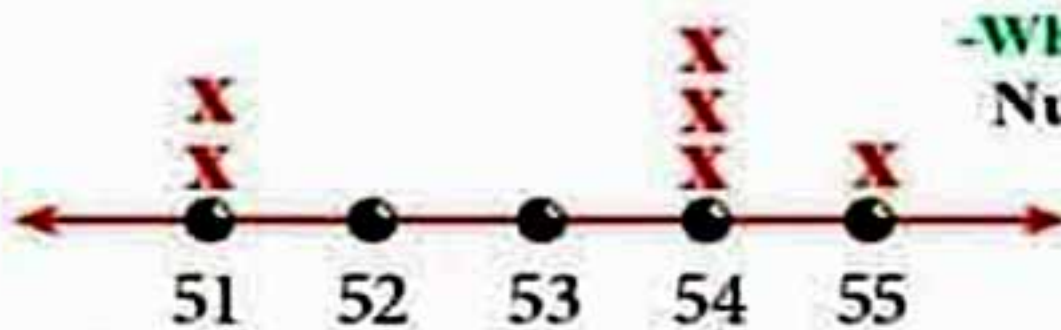
-What is the number of bags what has 53 beans ?
Number of bags ....

```
        X
        X           X
X       X   X
51      52  53  54  55
```
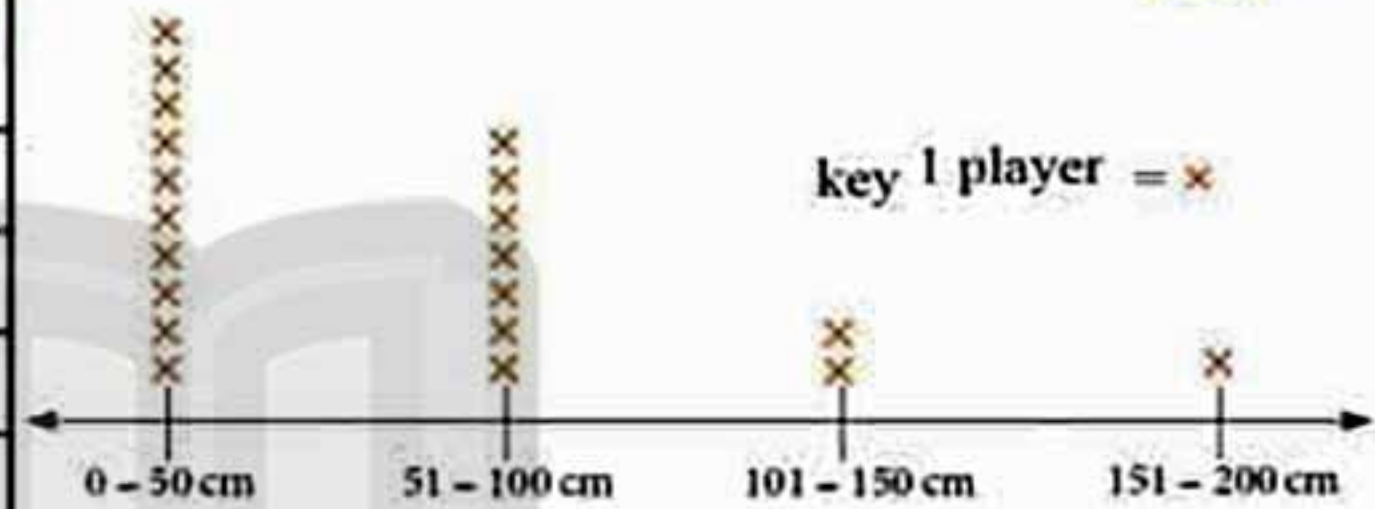
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Primary ③ - Term 1

Chapter 1

Activity 2 A number of players competed in a jumping competition, and the students recorded the height that each player reached when jumping in the following table :

Discover book

Represention by ×

Height of jumping	Number of players
0 - 50 cm	10
51 – 100 cm	7
101 – 150 cm	2
151 – 200 cm	1

key 1 player = ×

Dot representation
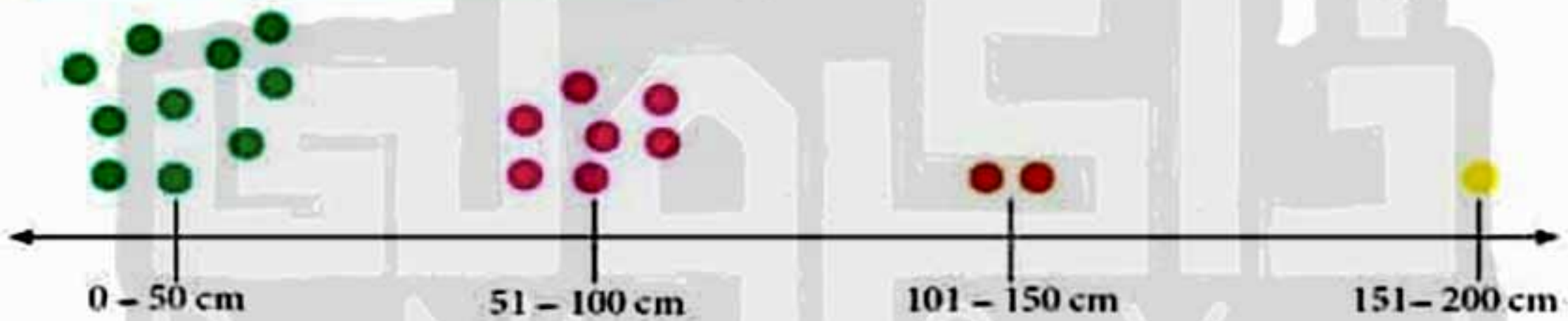
Bar graph
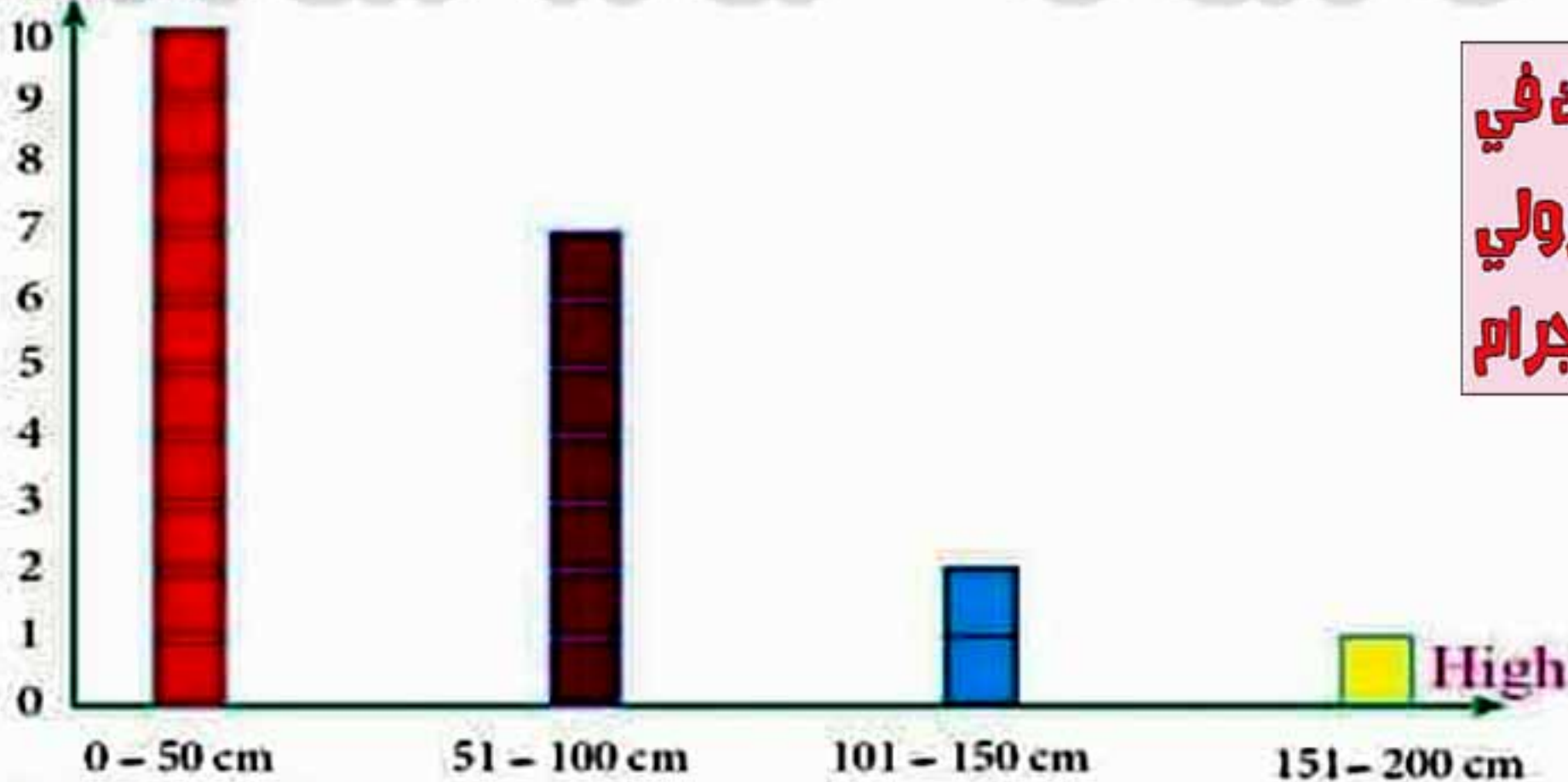
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Self - check on lesson (3 , 4)
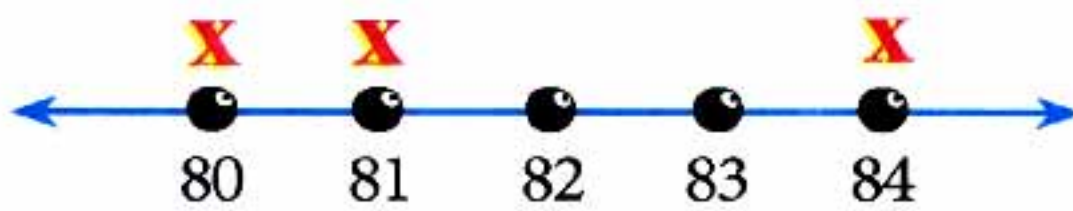
1 Complete the following patterns :

(a) △▽ △ ▽△ ▽ △ ....

(b) ◯ ◻ ◯ ◻ ....

(c) **AB AABB** ....

2 Each bag contain a number of potatoes as shown .
Complete the line plot use X for each number :

84 80 83 80 82 82 80

82 84 82 80 84 83 80

Line plots of potatoes

81 81 83 84

82 83 82

```
    X    X              X
    ●    ●    ●    ●    ●
   80   81   82   83   84
```

Complete :

(a) Number of all = ...

(b) Number of bags that has 83 potatoes = ...

Primary ③ - Term 1

3 The answers of 52 pupils in your class recorded the distance that each of them jumped by placing the marks ||||| in the correct row in the next chart complete the data representation graph and answer the following :

Discover book

Jumping	Number of pupils	
0 - 40 cm	|||| |||	....
41 - 80 cm	|||| |||| ||||		....
81 - 120 cm	||||	....
121 - 160 cm	|||| ||||	....
160 <	|||| |||| ||	....
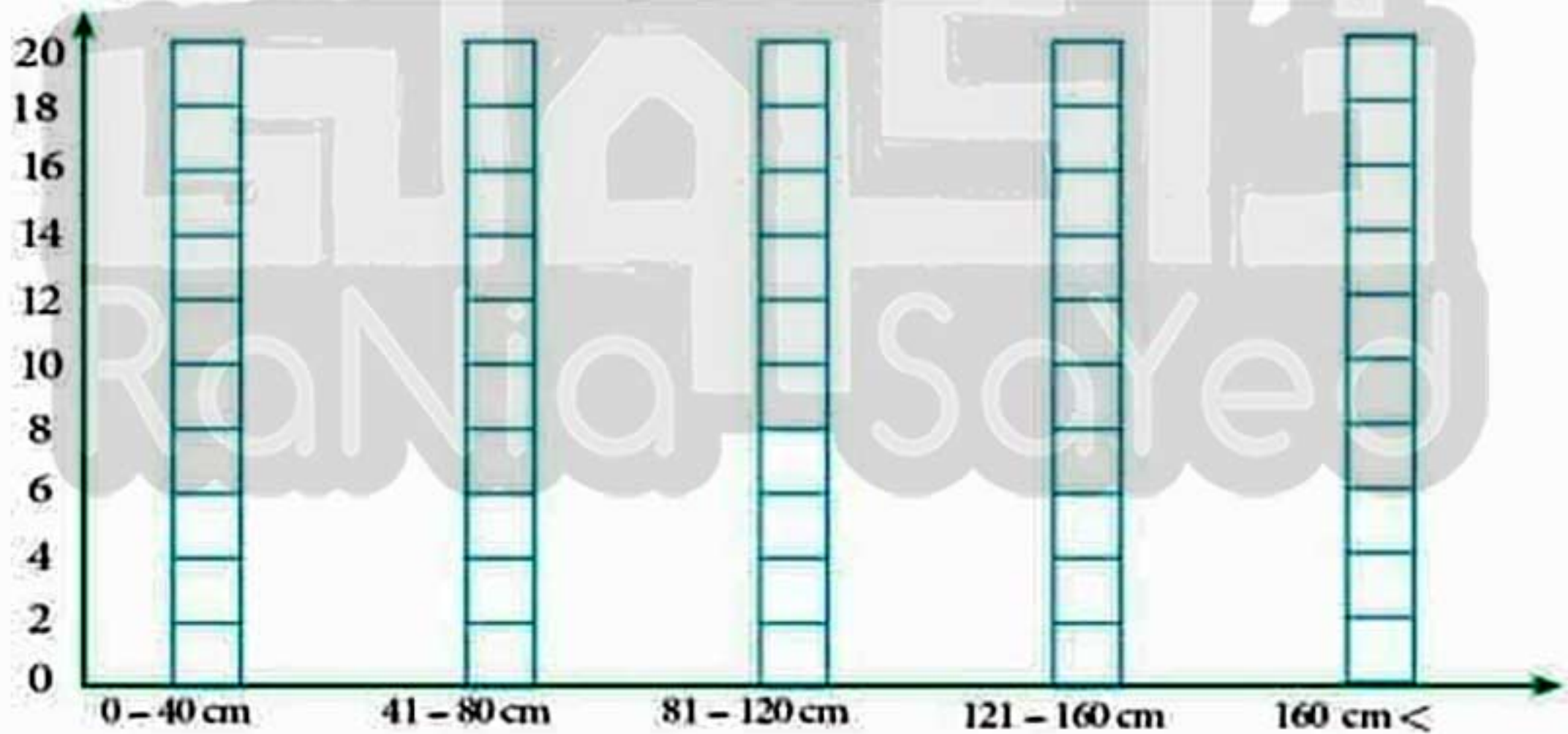
a How far has the most number of pupils scored ? ....

b How far did the least pupils scored ? ....

c How many students jumped 121 or more ? ....

Bakkar Series

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Lesson (5 , 6 , 7)

Measuring Length using cm , m – Estimate the lengths .

Activity 1 Length of the students hand from wrist to middle finger :

X = One student

Length in cm

10 11 12 13 14 15
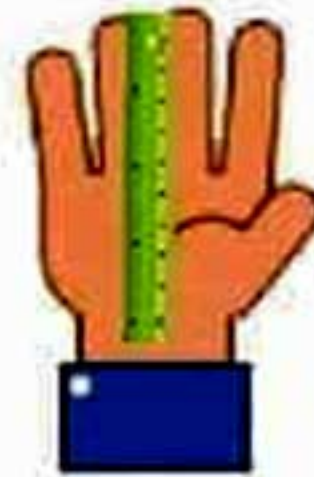
From the line plots complete :

a) Number of Student who's hand length 11 cm = ...

b) Number of Student who's hand length 14 cm = ...

c) Number of Student who's hand length 15 cm = ...

d) The Number of students who's hand length less than 13 cm = 3+3+1 = ...

e) The Number of students who's hand length between 13 and 15 cm = ...

Exercise 1 Use ruler to find the length of the following :

a) _____ .... cm

b) _____ .... cm

c) _____ .... cm

d) _____ .... cm

e) _____ .... cm

The order of the lengths from shortest to longest :

.... , ... , ... , ... , ...

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Primary ③ - Term 1

Chapter 1

Estimate the length

🐧 **Centimetre (cm) :** Used to measure the short lengths .

Example : the length of a pen 16 cm .

🐧 **Metre (m) :**

Example : the width of the road about 20 m the height of the building about 30 m .

Activity 2 — In each of the following read the measure on the ruler [estimated length] then write the actual length :
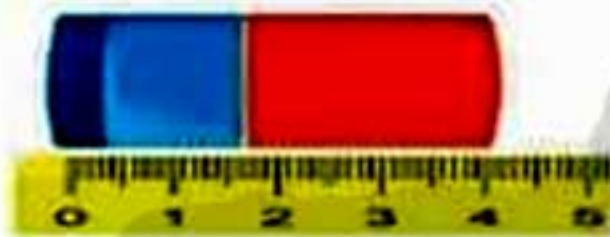
The actual = 4 cm   The estimate length about= 3 cm

Little   1 cm   Ring   Middle   Index   Thumb

(a)
| the estimate | .... cm |
| the actually | .... cm |

(b)
| the estimate | .... cm |
| the actually | .... cm |

Exercise 2 — Choose the estimated length :

(a) The width of the road is .... m   (1 , 6 , 600)

(b) The length of Lamppost is .... m   (5 , 50 , 500)

(c) The length of my father car is .... m   (4 , 9 , 15)

(d) The length of piece cloth for my mother is .... m   (3 , 40 , 35)

Bakkar Series   37

BAKKAR

Data representation

Math Journal

Exercise 3 | Choose the suitable measurement unit :

Image	Meters (m) or Centimeters (cm)
	....
	....
	....

Exercise 4 | Complete as in (a) :

1 meter = 100 cm

(a) 4 m = 400 cm .

(b) 9 m = ... cm .

(c) 1 m = ... cm .

(d) 3 m = ... cm .

(e) Half of meter = ... cm .

Exercise 5 | Complete as in the example :

Example : 300 cm = 3 m

(a) 500 cm = ... m

(b) 600 cm = ... m

(c) 700 cm = ... m

(d) 400 cm = ... m

(e) 100 cm = ... m

(f) 900 cm = ... m

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Primary ③ - Term 1

Chapter 1

Activity 3 Arrange the following in an ascending order :

(a) 5 m , 3 m , 7 m , 2 m .

Solution The order : 2 m , 3 m , 5 m , 7 m

(b) 20 cm , 35 cm , 40 cm , 15 cm .

Solution The order : 15 cm , 20 cm , 35 cm , 40 cm

(c) 3 m , 200 cm , 5 m , 700 cm .

Solution 3 m = 300 cm , 5 m = 500 cm

The order : 200 cm , 3 m , 5 m , 700 cm .

Activity 4 Answer the following :

(a) If Iyad is (1 m and half meter). What is his tall in centimetre ?

Solution : Iyad tall = 100 + 50 = 150 cm .

(b) Ahmed is 186 cm high , Mostafa is 181 cm high ,
Find the difference between there high of them?

Solution : Ahmed height = 186 cm , Mostafa height = 181 cm

The Difference : 186 − 181 = 5 cm .

Exercise 6 Answer the following :

Two pieces of cloth with 130 cm , 250 cm length Find :

(a) There sum (b) There difference

Solution : (a) the sum = ... + ... = ... cm .

(b) the difference = ... − .... = ... cm .

Bakkar Series

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Self – check on lesson (5 , 6 , 7)

1 Complete :

(a) 5 m = ... cm   (b) 7 m = ... cm

(c) 3 m = ... cm   (d) 6 m = ... cm

(e) 2 m = ... cm   (f) 8 m = ... cm

2 Complete :

(a) 600 cm = ... m   (b) 800 cm = ... m

(c) 400 cm = ... m   (d) 300 cm = ... m

(e) 500 cm = ... m   (f) 900 cm = ... m

3 Use the ruler to estimate the lengths then write the exact length :

(a)
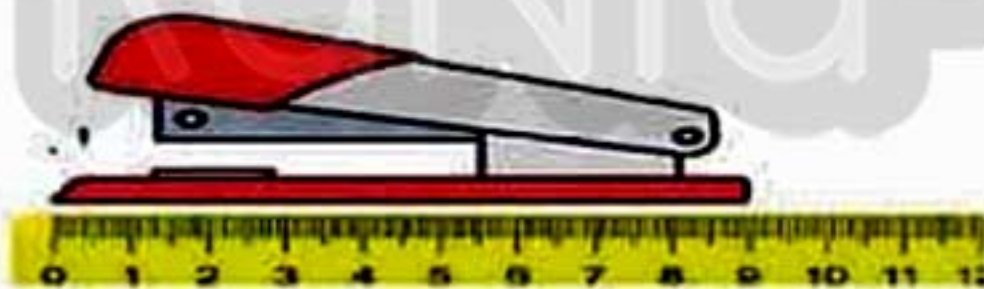
The estimation .... cm

The exact .... cm

(b)

The estimation .... cm

The exact .... cm

4 Arrange from the longest to the shortest :

[3 m , 200 cm , 5 m , 700 cm]

The order : .... , ... , ... , ...

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Primary **3** - Term 1

Chapter 1

5 Compare using [< , > , =] :

a 300 cm .... 2 m

b 50 m .... 50 cm

c 100 cm .... 300 cm

6 Answer the following :

a A car with (3 m and 20 cm length). How long the width in cm ?

Solution : 3 m = ... cm

The length = ... + ... = 320 cm .

b The width of the school door is (200 cm).

How long the width in meter ?

Solution : The width = ... m

Math Journal

7 Write the suitable measurement unit :

Image	Meter (m) or centimetre (cm)
	....
	....
	....

Bakkar Series

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Lesson (8 , 9 , 10)

Millimetre

Exercise 1 Measure the pieces of string and record their length the complete the line plot :

String	Length in cm
a	.... cm
b	.... cm
c	.... cm
d	.... cm
e	.... cm
f	.... cm
g	.... cm
h	.... cm
i	.... cm
j	.... cm

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X

3   4   5   6   7   8

The length in cm

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Primary ③ - Term 1
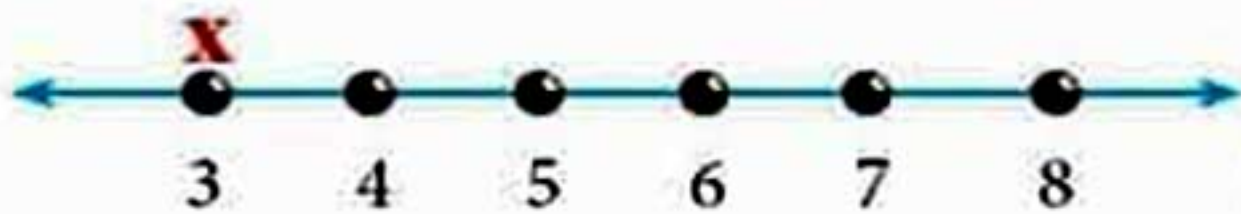
Chapter 1

Millimeter

Millimetre (mm) Used to measure the very short lengths .

Example : the thickness of nail is 3 mm .

1 cm = 10 mm   or   1 cm = 10 mm

2 cm = 20 mm   ,   3 cm = 30 mm

Exercise 2   Choose the suitable measurement unit :

a) The thickness of a nail 📌 measure with .... ((mm) - cm - m)

b) The length of the book 📕 measure with ...... (mm - cm - m)

c) The length of the ant 🐜 measure with .... (mm - cm - m)

d) Thickness of the power cord measure with .... (mm - cm - m)

e) The length of my grandfather's stick measure with .... (mm - cm - m)

Exercise 3   Choose the correct answer :

a) My father high   ((2 m) - 2 mm - 2 cm)

b) The length of ✏️   (5 mm - 5 cm - 5 m)

c) The length of 🍶   (30 cm - 30 mm - 30 m)

d) The thickness of the book 📕   (10 m - 10 mm - 10 cm)

e) The height of my home   (21 mm - 21 m - 21 cm)

Bakkar Series   43

BAKKAR

Data representation

Activity 1 The line plots show the length of the foot in cm to some pupils and their number :

1 pupils = **x**

length in cm

27   28   29   30   31   32
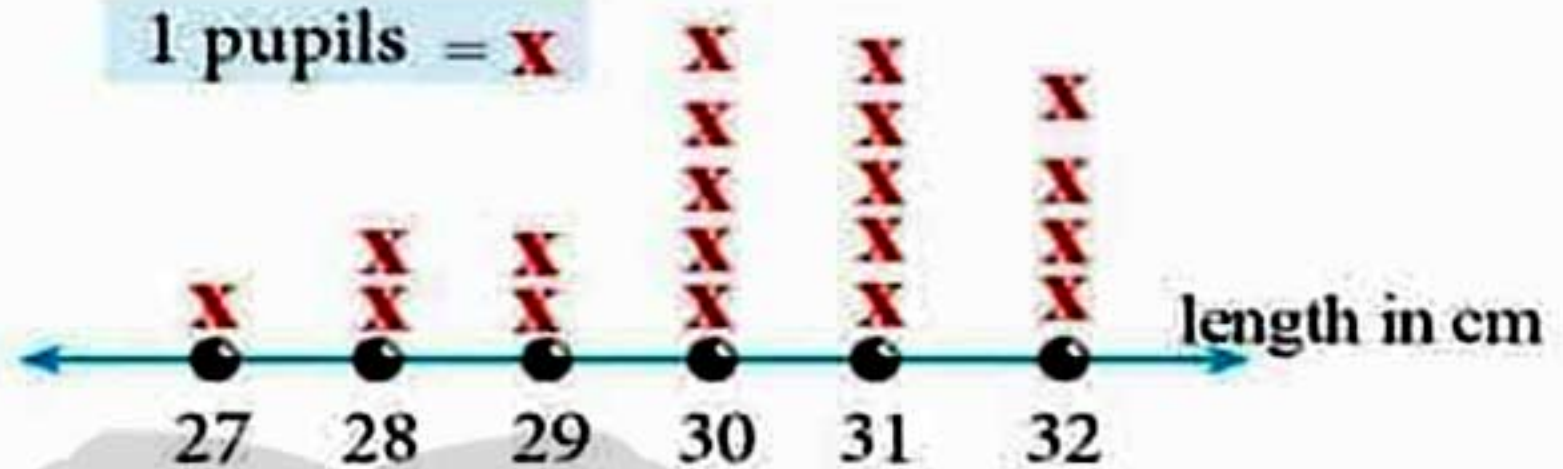
From the figure complete :

a) The number of pupils with foot 29 cm = ...

b) The number of pupils with foot 30 cm = ...

c) The number of pupils with foot 27 cm = ...

d) The number of pupils with foot less than 29 cm = ... + ... = ...

e) The number of pupils whose foot between 30 cm and 32 cm is = ... + ... + ... == ....

Exercise 4 Complete the following :

a) 100 cm + 100 cm = ... cm = ... m

b) 150 cm + 250 cm = ... cm = ... m

c) 20 mm + 10 mm = ... mm = ... cm

d) 30 mm + 30 mm = ... mm = ... cm

Solution

a) 100 cm + 100 cm = 200 cm = 2 m

b) 150 cm + 250 cm = 400 cm = 4 m

c) 20 mm + 10 mm = 30 mm = 3 cm

d) 30 mm + 30 mm = 60 mm = 6 cm

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Primary 3 - Term 1

Exercise 5 — Choose the correct answer :

(a) 9 m = ... cm. (9 , 90 , 900)

(b) 6 cm = ... mm. (6 , 60 , 600)

(c) 30 mm = ... cm. (3 , 30 , 300)

(d) 200 cm = ... m. (2 , 20 , 200)

(e) 20 mm = ... cm. (2 , 20 , 200)

Exercise 6 — Put (< , > , =) :

(a) 600 cm ☐ 5 m .

(b) 40 mm ☐ 4 cm .

(c) 750 cm ☐ 8 m .

(d) 5 cm ☐ 60 mm .

(e) 9 m ☐ 900 cm .

Exercise 7 — Arrange the following :

(a) 14 mm , 17 m , 8 mm , 29 mm .

Ascendingly : .... , ... , ... , ...

(b) 2 cm , 10 mm , 5 cm , 70 mm .

Descendingly : .... , ... , ... , ...

Bakkar Series

Self – check on lesson (8 , 9 , 10)

1 Choose the suitable measurement unit :

(a) The length of pencils measure with ……… (mm – cm – m)

(b) The length of bottle measure with ……… (mm – cm – m)

(c) The length of piece of cloth can be ……… (4 cm – 4 mm – 4 m)

2 Complete :

(a) $5\ m + \underline{\hphantom{xxx}}\ cm = 7\ m$

(b) $200\ cm + \underline{\hphantom{xxx}}\ m = 5\ m$

(c) $80\ cm - \underline{\hphantom{xxx}}\ cm = 50\ cm$

(d) $5\ cm + \underline{\hphantom{xxx}}\ mm = 7\ cm$

(e) $30\ mm + \underline{\hphantom{xxx}}\ mm = 60\ mm$

(f) $50\ mm - \underline{\hphantom{xxx}}\ cm = 2\ cm$

(g) $6\ m - \underline{\hphantom{xxx}}\ cm = 500\ cm$

Remember

The metre = 100 cm
The centimetre = 10 mm

3 Put (< , > , =) :

(a) 5 cm [ ] 50 mm

(b) 50 cm [ ] 1 m

(c) 10 mm [ ] 10 cm

(d) 10 m [ ] 10 cm

(e) 9 cm [ ] 9 mm .

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Primary ③ - Term 1

4 Complete :

(a) 200 cm - 100 cm = _____ cm = _____ m

(b) 5 cm - 3 cm = _____ cm = _____ mm

(c) 7 m - 3 m = _____ m = _____ cm

(d) 700 cm - 500 cm = _____ cm = _____ m

(e) 40 mm - 30 mm = _____ mm = _____ cm

5 Arrange the following in an ascending order :

(a) 3 m , 5 m , 1 m , 2 m . _____

(b) 40 cm , 10 cm , 50 cm , 70 cm . _____

(c) 10 mm , 20 mm , 80 mm , 60 mm . _____

(d) 7 m , 100 cm , 9 m , 800 cm . _____

(e) 17 cm , 7 mm , 70 cm , 70 mm . _____

6 Join :

1 Meter and half	4 m
300 cm	100 cm
1 m	150 cm
400 cm	2 m and 100 cm

Bakkar Series

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Self - check **1** Chapters 1

1 Choose :

a) 7 m = ... cm (7 , 70 , 700)

b) 5 cm = ... mm (5 , 50 , 500)

c) 90 mm = ... cm (9 , 90 , 900)

d) 300 cm = ... m (3 , 30 , 300)

2 Complete the table and colour the graph :

Fruit	Number of pupils	
Banana	||||	
Orange	卌	
Mango	|||	
Strawberry	卌	
Mandarin	卌	

Number of pupils

6
5
4
3
2
1
0

Banana Orange Mango Strawberry Mandarin

Fruit
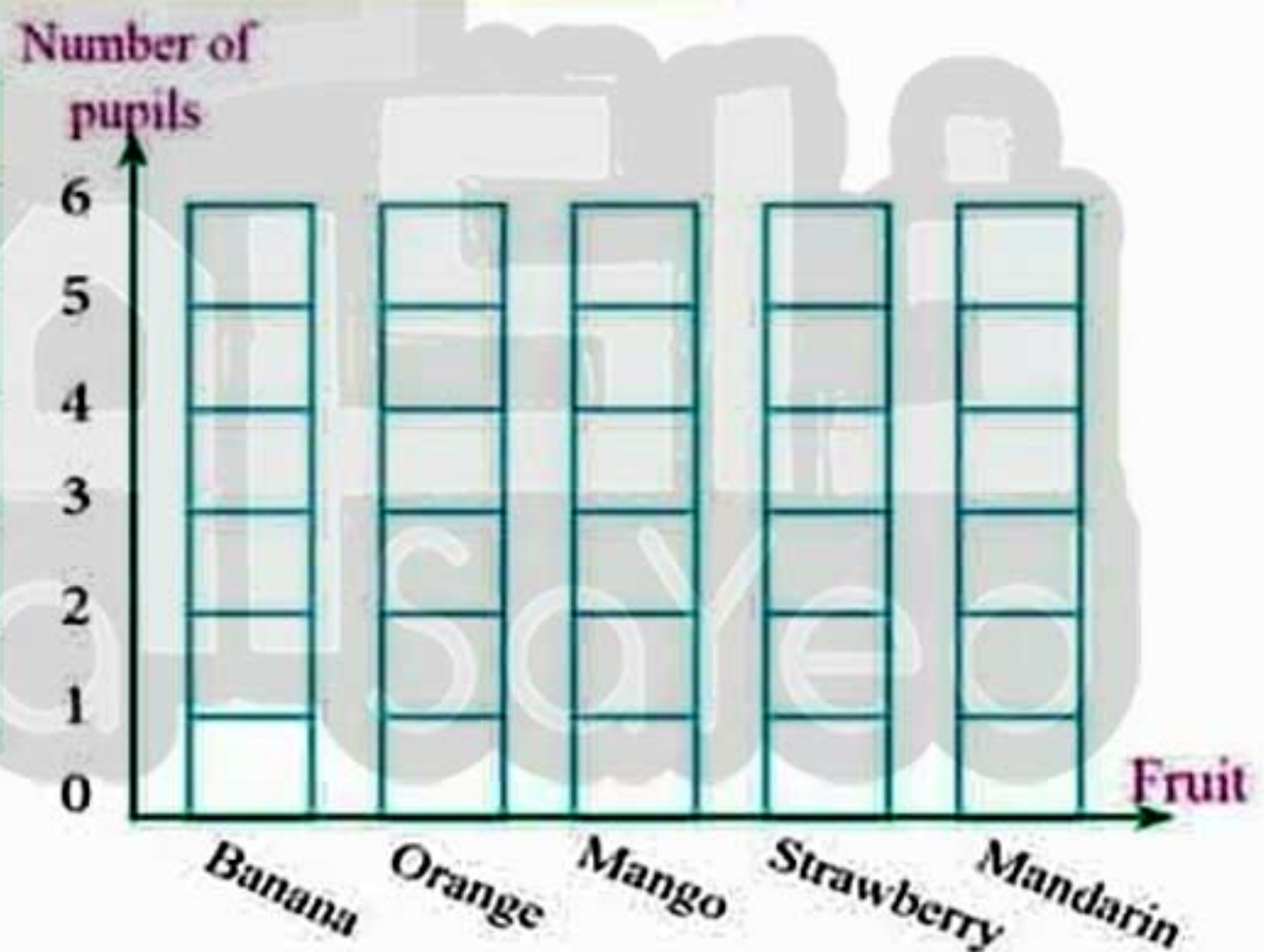
3 A car of (4 m and 40 cm). What its length in cm ?

Solution :

The length of the car = ... + ...

= .... cm .

Primary 3 - Term 1

Self - check 2 — Chapter 1

1 Complete :

(a) 500 cm - 300 cm = ... cm = ... m

(b) 9 cm - 4 cm = ... cm = ... mm

(e) 6 m - 4 m = ... m = ... cm

(d) 800 cm - 100 cm = ... cm = ... m

(e) 70 mm - 3 cm = ... mm = ... cm

2 Complete the table and colour the graph :

Shape	Number
▢	‖
▭	‖‖
○	⫲⫲
△	⎮⫲⫲
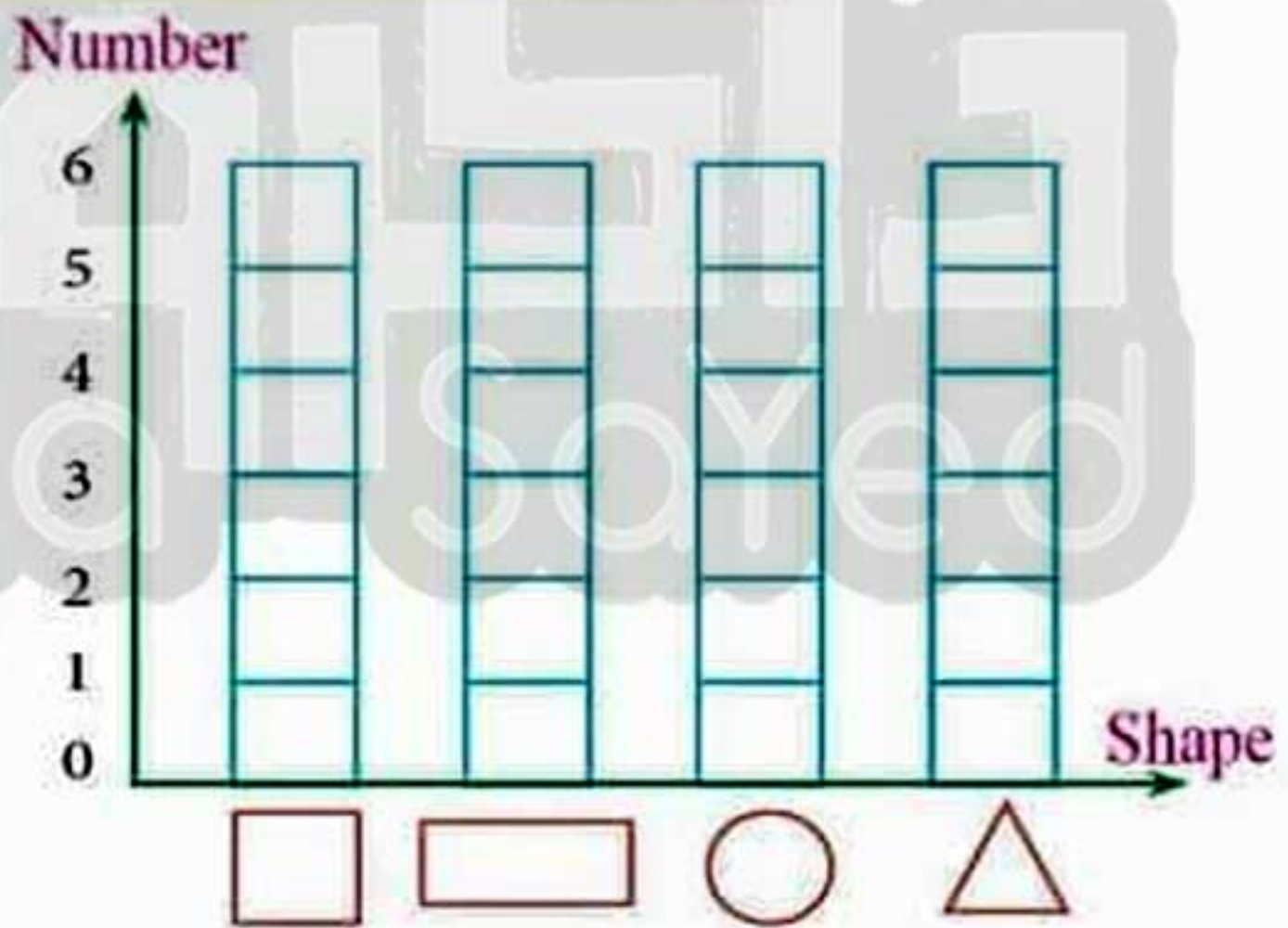
3 Choose :

6 meters and half = ... cm .

650	560	605

For more exercises follow the Bakkar Self- check page (210)

Bakkar Series

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Chapter 2

The thousands – Multiplication

Key Vocabulary

English	Arabic	English	Arabic
Arrange	ترتيب	Multiplication	الضرب
Array	المصفوفة	Number	عدد
Assemblies	تجميعات	Place value	القيمة المكانية
Bars	أعمدة	Product	حاصل الضرب
Column	العمود	Repeated addition	الجمع المتكرر
Commutative property	خاصية الإبدال	Row	صف
Digit	رقم	Rows	صفوف
Efficient	يتسم بالكفاءة	Skip - count	العد بالقفز
Equal	يساوي	Standerd form	الصيغة الرمزية
Extended form	الصيغة الممتدة	Ten thousands	عشرات الألوف
Factor	العامل	The total	المجموع
Groups	مجموعات	Thousand	ألوف
Hundred thousands	مئات الألوف		

Content

- Bakkar Self-Check
- Bakkar Exercise on lessons
- Exercise insipred from Math Journal
- Exercise inspired from Discover

Lesson (11 , 12)

Thousands

Activity 1   Complete as in (a) :   **Remember**

(a) 753 = 7 hundreds + 5 tens + 3 ones
= 700 + 50 + 3

(b) 395 = ... hundreds + ... tens + ... ones
= .... + ... + ...

(c) 487 = ... hundreds + ... tens + ... ones
= .... + ... + ...

(d) 631 = ... hundreds + ... tens + ... ones
= .... + ... + ...

Activity 2   What is the greatest 3-digit number ?

Solution   The number is   999

Nine hundred and ninety nine

Hundreds	Tens	Ones
9	9	9

The number just after **999** is **1000** (one thousand)

Thousands	Hundreds	Tens	ones
1	0	0	0

1000 is the smallest **4**-digit number.

Activity 3   What is the greatest 4-digit number ?

Thousands	Hundreds	Tens	ones
9	9	9	9

Solution   The number is   9999

Nine thousand nine hundred and ninety nine

Bakkar Series   51

BAKKAR | The thousands - Multiplication

Activity 4 How to read 4-digit ?

1253 Read from left to right as one thousand two hundred and fifty three

Exercise 1 Write the following numbers in the place value cards :

The number : 5019

Thousands	Hundreds	Tens	Ones
....	....	....	....

The number 3604

Thousands	Hundreds	Tens	Ones
....	....	....	....

The number : 1234

Thousands	Hundreds	Tens	Ones
....	....	....	....

The number 8888

Thousands	Hundreds	Tens	Ones
....	....	....	....

Activity 5 Notice the digit 4 in the following :

Number	Place value of 4	Value of 4
4	Ones	4
48	Tens	40
491	Hundreds	400
4673	Thousands	4000

Notice :
The value of 4 changed according to the place

Exercise 2 Notice the digit 3 in the following :

Number	Place value of 3	Value of 3
35	....	....
3761	....	....
63	....	....
385	....	....

Notice :
The value of 3 changed according to the place

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Primary ③ - Term 1

الصف الثالث الابتدائي | موقع ذاكرولي التعليمي | كتاب بكار

Chapter 2

■ **Forming the greatest 4-digit number :**

Start with the greatest digit in the thousand place then the next greatest in the hundred place and so on

For example : **Write the greatest 4-digit number from the digits :**

| 7 | 3 | 2 | 5 | → | The greatest number = 7532 |

Activity 6 From the following digit put one digit in the discard then make the greatest number :

| 1 | 2 | 3 | 4 | 5 |

Example 1 :

Solution : Put ...**3**.. in the discard the form the greatest number

Thousands	Hundreds	Tens	Ones		Discard
5	4	2	1		3

The greatest Number is : 5421

Example 2 :

Thousands	Hundreds	Tens	Ones		Discard
....	....	....	....		5

The greatest Number is : ....

Activities from Math Journal

Activity * From the following digit put one digit in the discard then write the greatest number :

| 7 | 1 | 5 | 4 | 6 |

Thousands	Hundreds	Tens	Ones	Discard
....	....	....	....	5

The greatest Number is : ....

Bakkar Series

53

BAKKAR

The thousands - Multiplication

Activity 7 Notice :
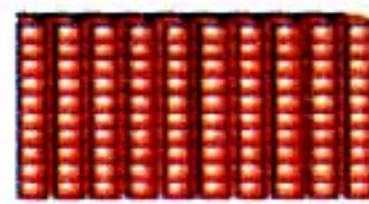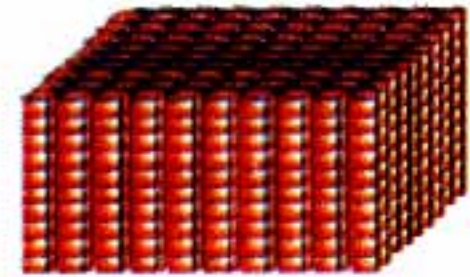
| 1 | 10 | 100 | 1000 |

Activity 8 Represent the number 1253 in the place value card :

Thousands	Hundreds	Tens	Ones

Exercise 3 Convert the standard form to the extended form as EX :

The expanded form of :

$$1253 = 1000 + 200 + 50 + 3$$

$$1537 = \ldots + \ldots + \ldots + \ldots$$

$$5412 = \ldots + \ldots + \ldots + \ldots$$

$$6591 = \ldots + \ldots + \ldots + \ldots$$

$$3289 = \ldots + \ldots + \ldots + \ldots$$

Exercise 4 Compare using (> , = , <) :

Math Journal

(a) 4984 [.......] 2026

(b) 1001 [.......] 3980

(c) 9 thousands [.......] 9000

Remember that :
Compare from thousand then hundred and so on

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Primary 3 - Term 1

Self – check on lesson (11 , 12)

1 Complete the table :

Number	Place value of 7	Value of 7
75	....	....
367	....	....
7100	....	....
4763	....	....

2 Write the number :

The number	Thousands	Hundreds	Tens	Ones
....				
....				

3 Write the expanded form :

(a) **5493** = ... + ... + ... + ...

(b) **6371** = ... + ... + ... + ...

(c) **8642** = ... + ... + ... + ...

(d) **2794** = ... + ... + ... + ...

Bakkar Series

55

BAKKAR The thousands - Multiplication

4 Write in digits :

a) Six thousands five hundreds and forty three = ...

b) Three thousands four hundreds and thirty seven = ...

c) Two thousands six hundreds and forty = ...

d) Five thousands nine hundreds and eleven = ...

e) Seven thousands and one hundred = ...

5 Notice and complete the following pattern :

a) 1000 , 1100 , 1200 , ..., ..., ..., ...

b) 2000 , 1900 , 1800 , ..., ..., ..., ...

c) 1000 , 2000 , 3000 , ..., ..., ..., ...

d) 1000 , 1500 , ..., 2500 , ..., ..., ...

6 Arrange the following numbers in an ascending order :

4705 , 4750 , 4075 , 475

The order : ....

7 Complete using (> , = , <) : **Math Journal**

a) 8903 [......] 9038   b) 7787 [......] 7878

c) 1342 [......] 1302   d) 2344 [......] 2345

e) 6534 [......] 6544   f) 5871 [......] 5671

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Primary ③ - Term 1

Lesson (13 , 14)

Numbers up to hundreds thousand

Activity 1 The greatest 4-digit number is 9999 :

Solution :

The number is **9 999**

Thousands	Hundreds	Tens	Ones
9	9	9	9

It read as : **nine thousand** , **nine hundred** and **ninety nine**

The number just after 9 999 is **10 000** (ten thousand)

Ten thousand	Thousands	Hundreds	Tens	Ones
1	0	0	0	0

10 000 is the smallest 5-digit number

Activity 2 What is the greatest 5-digit number ?

Solution :

The number is **99 999**

Ten thousand	Thousands	Hundreds	Tens	ones
9	9	9	9	9

Read first **99 thousand** and **999**

It is read as : **ninety nine thousand** , **nine hundred** and **ninety nine**

Exercise 1 Write the following number in the place value card then read it :

The number : **67459**

Ten thousand	Thousands	Hundreds	Tens	ones

.... **thousand** and ....

It is read as : **sixty seven thousand** , **four hundred** and **fifty nine**

Bakkar Series

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BAKKAR

The thousands - Multiplication

Activity 3 The number just after 99 999 is 100 000 (hundred thousand) :

hundreds thousand	tens thousand	thousand	hundreds	tens	ones
1	0	0	0	0	0

The number **100 000** is the smallest 6 digit number

Activity 4 What is the greatest 6-digit number ?

The number **999 999**

hundreds thousand	tens thousand	thousand	hundreds	tens	ones
9	9	9	9	9	9

Read first **999 thousand**

and **999**

It is read as nine hundred ninety nine thousand , nine hundred and ninety nine

Exercise 2 Write the following numbers in the place value card :

The number : **267 459**

hundreds thousand	tens thousand	thousand	hundreds	tens	ones
......	......	......	......	......	......

267 459

It read as 267 thousand and 459

The number : **107 326**

hundreds thousand	tens thousand	thousand	hundreds	tens	ones
......	......	......	......	......	......

107 326

.... thousand and ....

The number : **950 108**

hundreds thousand	tens thousand	thousand	hundreds	tens	ones
......	......	......	......	......	......

950 108

.... thousand and ....

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Primary ③ - Term 1

Chapter 2

Comparing between 2 numbers

If the two numbers has the same number of digit compare from left to right

EX : The two numbers

915734　and　915634

Then　:915734 > 915634

Because : value of **7** more than value of **6**

The number that has more digit is the greater

EX : The two numbers

96 157　and　815 734

5 digit　　**6** digit

Then　815 734 > 96 157

Exercise 3 Look the population number in some cites and complete :

City	Population	Reading the number
Suez	488125	488 **thousand** and 125
Matay	45215	....
Alshohadaa	48060	....
Port-said	538378	....
Ettsa	45269	....

Arrange the cities from the smallest population to the greatest

The order :　Matay　,　Ettsa　,　..................　,　..................　,　..................

Exercise 4 Write the expanded form of the following as **EX** :

62 319 = 60 000 + 2 000 + 300 + 10 + 9

762 319 = ... + ... + ... + ... + ...

15 780 = ... + ... + ... + ... + ...

812 904 = ... + ... + ... + ... + ...

Bakkar Series

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BAKKAR

The thousands - Multiplication

■ **Forming the smallest 4-digit number :**

Put the smallest digit in the thousand place then hundred place and soon .

Example : Write the smallest number from the following digits :

| 7 | 3 | 2 | 5 | ⟶ The number = 2357

Activity 5 From the cards ignore one card and form the smallest number from the other cards . as the example

| 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 |

Solution

Put _6_ in discard then write the smallest number formed from the other cards

hundred thousand	Ten thousands	Thousands	Hundreds	Tens	Ones	Discard
1	2	3	4	5	7	6

The smallest number 123 457   Its read .... thousand and ....

Activities from Math Journal

Activity ★ Ignore one digit then form the smallest number :

| 6 | | 4 | | 5 | | 1 | | 9 | | 3 | | 8 |

Hundred thousands	Ten thousands	Thousands	Hundreds	Tens	Ones	Discard

Its read .... thousand and ....

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Primary ③ - Term 1

Self - check on lesson (13 , 14)

1 Write in standard from each of the following :

(a) Thirty six thousand and four hundred = ...

(b) Eleven thousand = ...

(c) Sixty thousand and ten = ...

(d) Fifty two thousand one hundred and one = ...

(e) Ninety nine thousand and two hundred = ...

2 Notice and complete :

(a) 10000 , 10100 , 10200 , ... , ... , ... , 10600

(b) 20000 , 19000 , 18000 , ... , ... , ... , 14000

(c) 10000 , 30000 , ... , ... , 90000

(d) 11111 , 22222 , ... , ... , ... , 77777

(e) .... , 55800 , 55700 , ... , ... , ... , 55300

3 Complete the table (the first done for you):

City	Population	Reading the number
sedy salem	47 998	47 thousand and 998
Jouhaina	47 821	....
Tamia	46 866	....
Luxor	422 407	....

Bakkar Series

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BAKKAR

The thousands - Multiplication

④ Write the expanded form of the following as EX :

Example : $12\,576 = 10\,000 + 2\,000 + 500 + 70 + 6$

a) $11\,120 = \dots + \dots + \dots + \dots + \dots$

b) $14\,502 = \dots + \dots + \dots + \dots + \dots$

c) $77\,777 = \dots + \dots + \dots + \dots + \dots$

d) $50\,021 = \dots + \dots + \dots + \dots + \dots$

e) $90\,807 = \dots + \dots + \dots + \dots + \dots$

لا تنس الاشتراك في قنوات ذاكرولي على تطبيق التليجرام

⑤ Arrange the following numbers :

a) $17\,457 , 14\,457 , 15\,457 , 10\,457 , 20\,457$

Descendingly : ....

b) $26\,452 , 26\,524 , 26\,245 , 26\,542 , 26\,254$

Ascendingly : ....

c) $67\,500 , 67\,005 , 60\,705 , 60\,075 , 67\,050$

Descendingly : ....

⑥ Using the cards write the greatest and the smallest number :

Cards	The greatest	The smallest
9 6 3 1 5	....	....
1 7 5 3 2	....	....
7 5 9 2 0	....	....
8 4 6 1 3	....	....

Primary ③ - Term 1

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Lesson (15 , 16)

Counting strategies

Skip count on the number line

Activity 1 — Skip-count by 2s

0 2 4 6 8 10 12 14 16 18
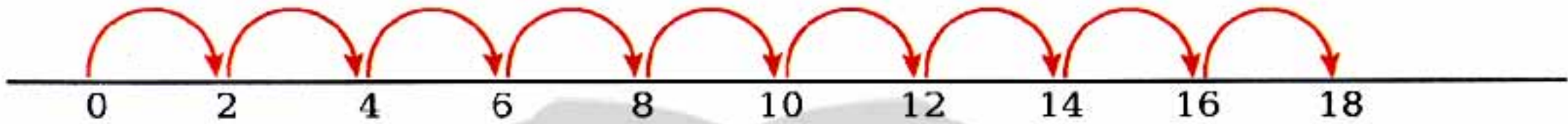
To get **18** we count (**2**) **nine** times as the following

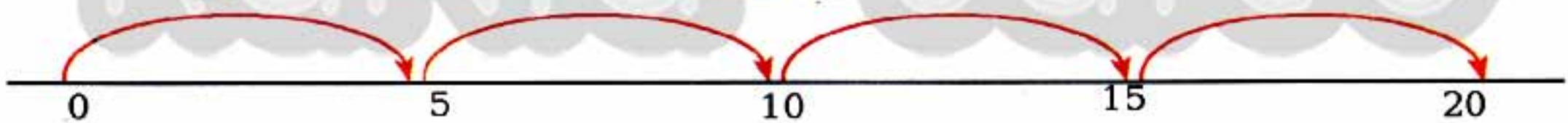$$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = 18$$

Activity 2 — Skip-count by 3s

0 3 6 9 12 15
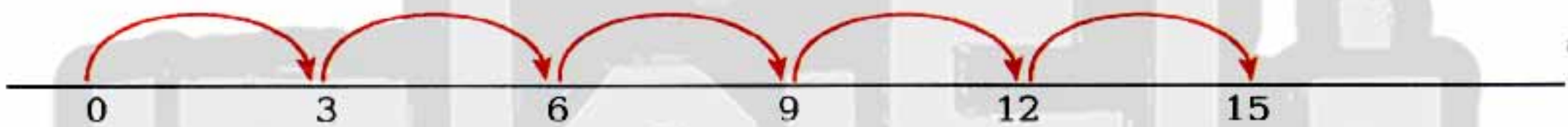
To get **15** we count (**3**) **five** times as the following

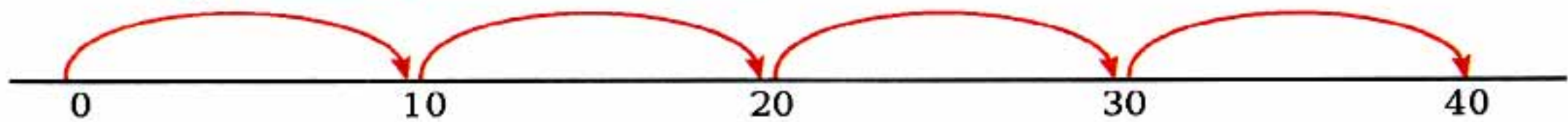$$3 + 3 + 3 + 3 + 3 = 15$$

Activity 3 — Skip-count by 5s

0 5 10 15 20

To get **20** we count (**5**) **four** times as the following

$$5 + 5 + 5 + 5 = 20$$

Activity 4 — Skip-count by 10s

0 10 20 30 40

To get **40** we count (**10**) **four** times as the following

$$10 + 10 + 10 + 10 = 40$$

Bakkar Series

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BAKKAR

The thousands - Multiplication

Activity 5 — **Determine the number of items in each group :**

First method

Number of rows **2**

Number of items in each row **5**

Total number of items $= 5 + 5 = 10$

Second method

Number of columns **5**

Number of items in each column **2**

Total number of items

$$= 2 + 2 + 2 + 2 + 2 = 10$$

Exercise 1 — Determine the number of items in each group :

First method

Number of rows ....

Number of items in each row ....

Total number of items = ...

Second method

Number of columns ....

Number of items in each column ....

Total number of items = ...

Exercise 2 — Determine the number of items in each group :
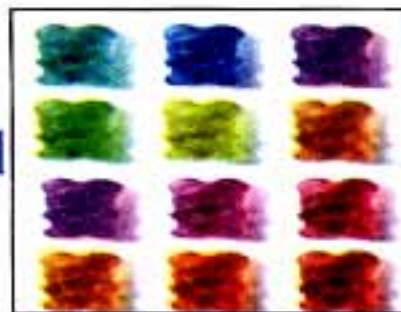
First method

Number of rows ....

Number of items in each row ....

Total number of items = ...

Second method

Number of columns ....

Number of items in each column ....

Total number of items = ...

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Primary 3 - Term 1

Chapter 2

Exercise 3 Determine the number of stars in each array :

Number of rows ....

Number of stars in each row ....

Total number = ...

Number of rows ....

Number of stars in each row ....

Total number = ...

Number of rows ....

Number of stars in each row ....

Total number = ...

Number of rows ....

Number of stars in each row ....

Total number = ...

Bakkar Series

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BAKKAR

The thousands - Multiplication

Activity 6 The price of each item LE **3** what is the price of the array ? :

Solution :

Number of rows **2**
Number of items in each row **3**
Number of all items $= 3 + 3 = 6$ items

Total price = $\boxed{3}$ + $\boxed{3}$ + $\boxed{........}$ + $\boxed{........}$ + $\boxed{........}$ + $\boxed{........}$ = ...

Price of item | Price of item | Price of item | Price of item | Price of item | Price of item

Exercise 4 Some of the stars have been ripped of .
How many stars were in the original array :

Math Journal

First method : number of columns **6**

Number of stars in each columns **4**

Total number of the original array $= 24$

There are **17** stars now

Number of ripped stars $= 24 - 17 = 7$

Second method : number of rows ......

Number of stars in each rows

Total number of the original array $=$

There are **17** stars now

Number of ripped stars $=$ ...... − ...... = ...

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Primary ③ - Term 1

Self - check on lesson (15 , 16)

Math Journal

1 Determine the number of stars in each array :

Number of columns ....

Number of stars in each column ....

Total number of stars = ...

Number of columns ....

Number of stars in each column ....

Total number of stars = ...

Number of columns ....

Number of stars in each column ....

Total number of stars = ...

Number of columns ....

Number of stars in each column ....

Total number of stars = ...

Bakkar Series

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BAKKAR

The thousands - Multiplication

2   Complete the table to find the number of each items :

Math Journal
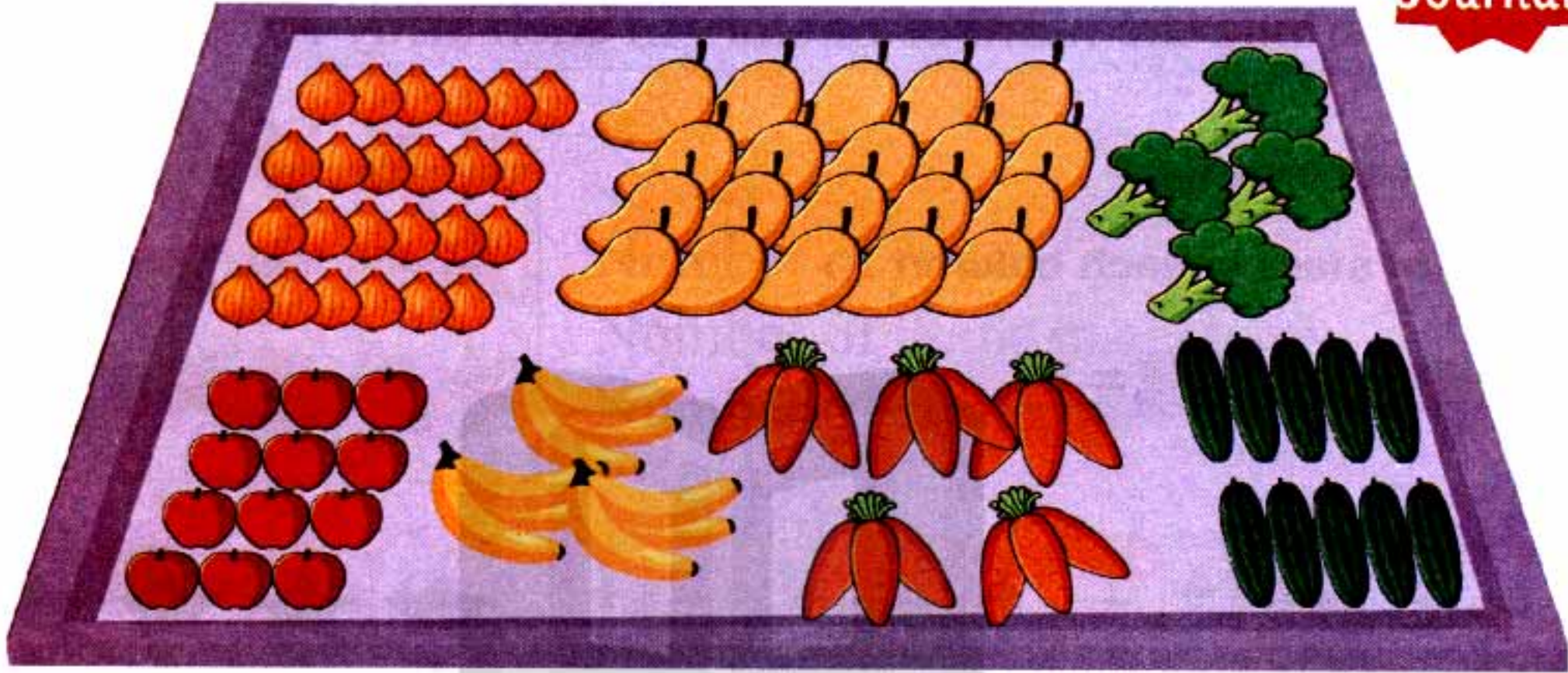
Name of group	Total number of item in each group
Apples	Number of row .... Number of apples in each row .... Total number of apples = $3 + 3 + 3 + 3 = 12$
Figs	Number of row .... Number of apples in each row .... Total number of apples = ...
Mango	Number of row .... Number of apples in each row .... Total number of apples = ...
Cucumber	Number of row .... Number of apples in each row .... Total number of apples = ...

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Primary ③ - Term 1

هذا العمل خاص بموقع ذاكرولى التعليمى ولا يسمح بتداوله على مواقع أخرى

Lesson (17 , 18)

Multiplication [Repeated addition]

Activity 1 Notice :
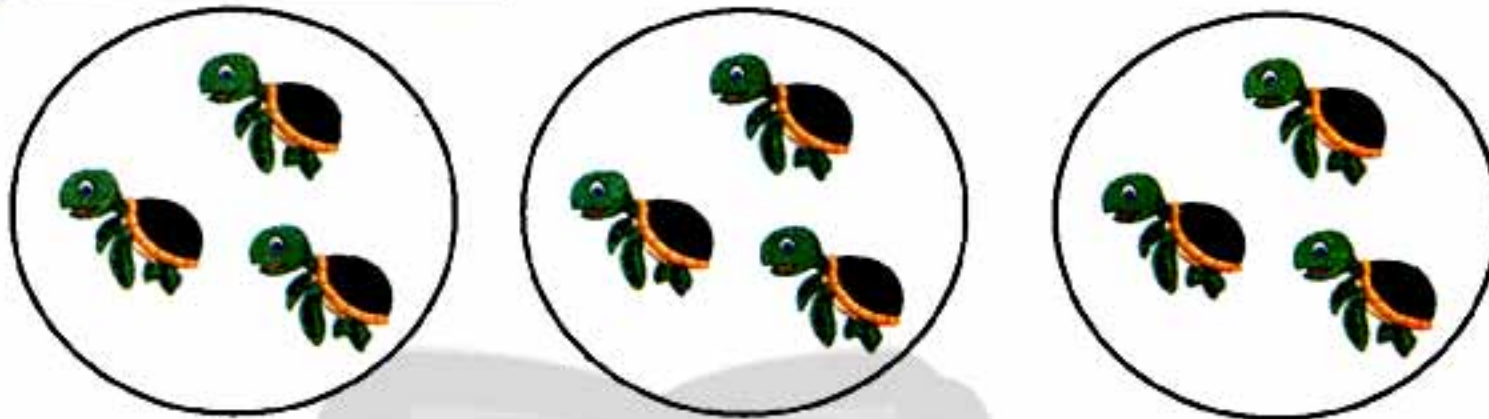
Repeated addition equation $3 + 3 + 3 = 9$

Multiplication equation $3 \times 3 = 9$

3 sets each with 3 turtle $= 9$ turtle

Activity 2 Notice :
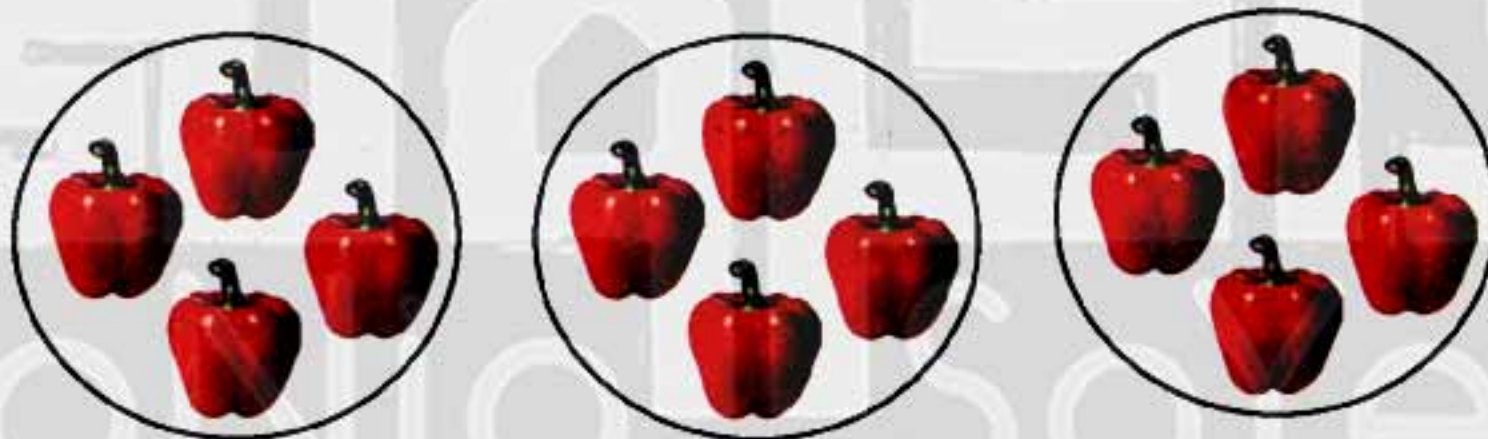
Repeated addition equation $4 + 4 + 4 = 12$

Multiplication equation $3 \times 4 = 12$

3 sets of 4 pepper each $= 12$

Exercise 1 Nadeen draw 2 flowers in a paper then 2 then 2 .
How many flowers drawn ?

Repeated addition equation   ...... + ... + ... $= 6$

Multiplication equation $2 \times$ ...... $=$ ......

Bakkar Series   69

BAKKAR

The thousands - Multiplication

Activity 3   **Notice the following :**
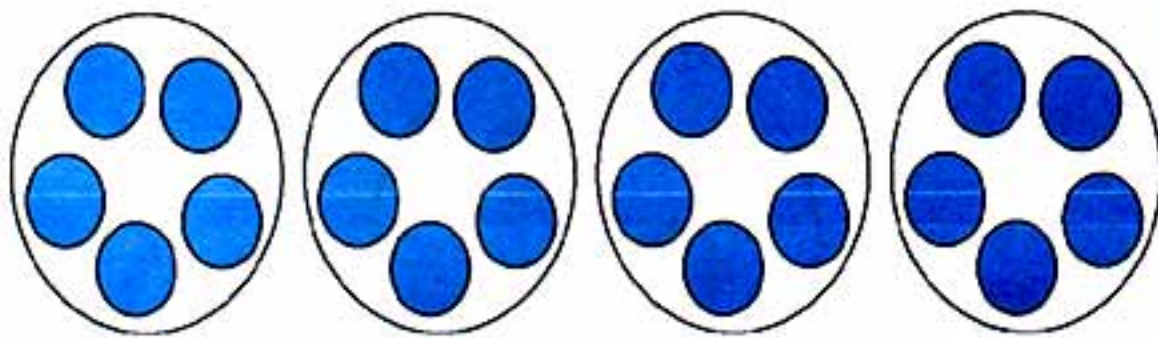
Number of sets   4

Number of items in each   5

Repeated addition =

$$5 + 5 + 5 + 5 = 20$$

It means $4 \times 5 = 20$

4 sets of 5 items = 20

Number of rows   4

Number of items in each   5

Repeated addition =

$$5 + 5 + 5 + 5 = 20$$

It means $4 \times 5 = 20$

4 rows of 5 items each = 20

Exercise 2   Notice then complete :

Number of sets   ....

Number of items in each set   5

Repeated addition =

..... + ... + ... = ...

Its mean   ..... × ..... = 20

..... sets of ..... items = ...

Number of rows   3

Number of items in each   ....

Repeated addition =

...... + ... + ... = ...

Its mean   ...... × ...... = ...

..... rows of ..... items each = ...

Primary 3 - Term 1

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4 | **Chapter 2**

Exercise 3 | Complete :

Number of rows ....
Repeated addition ....
Multiplication ..... × ..... = ...

Number of sets ....
Repeated addition ....
Multiplication ..... × ..... = ...

Exercise 4 | Complete :

Number of sets ....
Repeated addition ....
Multiplication ..... × ..... = ...

Number of rows ....
Repeated addition ....
Multiplication ..... × ..... = ...

Exercise 5 | Complete :
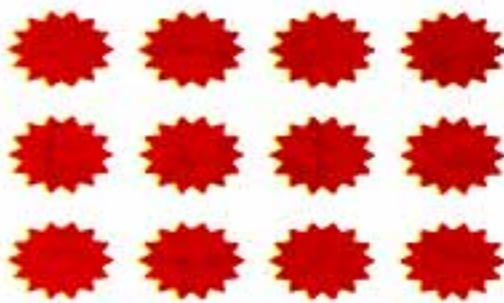
Using Rows
Number of rows ....
Repeated addition ....
Multiplication ..... × ..... = ...

Using columns
Number of columns ....
Repeated addition ....
Multiplication ..... × ..... = ...

Bakkar Series

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BAKKAR

The thousands - Multiplication

Activity 4 Find 5 × 7 :

♦ **Skip count by 7s strategy**

0   7   14   21   28   35
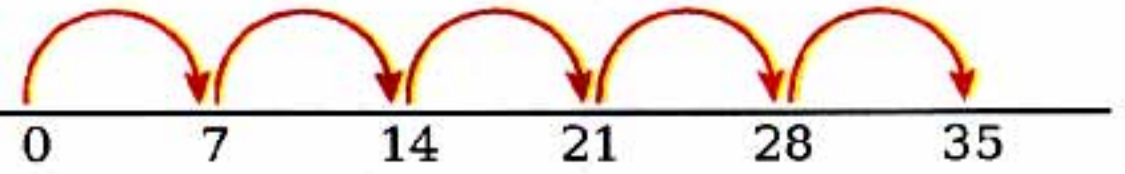
Count (7) , five time to get 35

$7 + 7 + 7 + 7 + 7 = 35$

♦ **Circles and dots strategy**
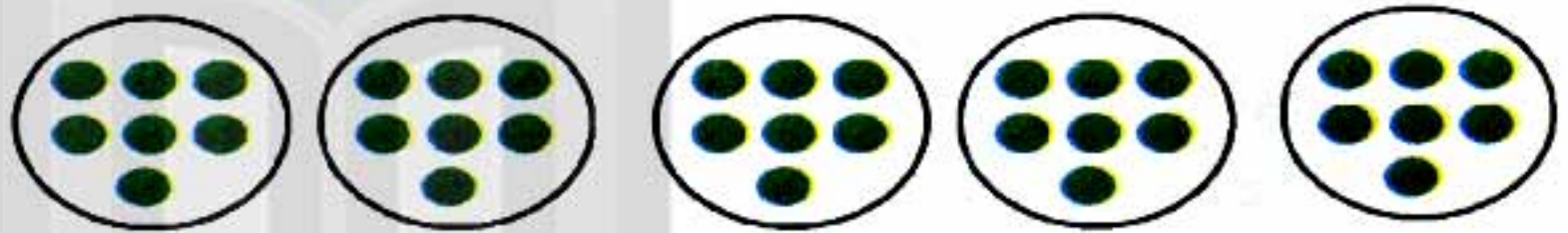
$7 + 7 + 7 + 7 + 7 = 35$

♦ **Array strategy**

$7 + 7 + 7 + 7 + 7 = 35$

Exercise 6 Find the product of 3 × 4 show your strategy :

♦ **Skip count strategy by 4s**

0   ....
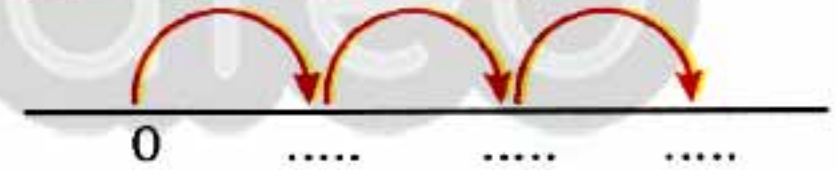
$4 + 4 + 4 =$ ....

♦ **Circle and dots strategy**

$4 + 4 + 4 =$ ....
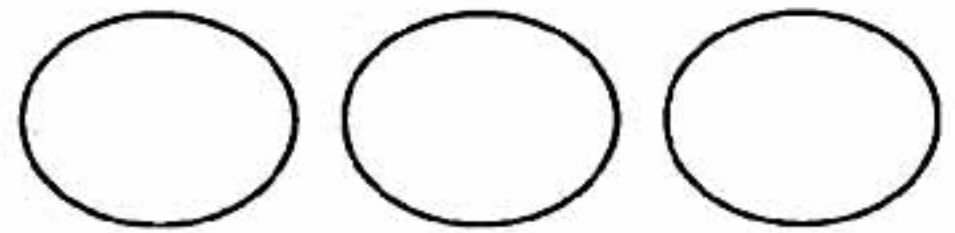
♦ **Array strategy**

$4 + 4 + 4 =$ ....

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Primary ③ - Term 1

Self – check on lesson (17 , 18)

1 Write the equation of addition and multiplication :
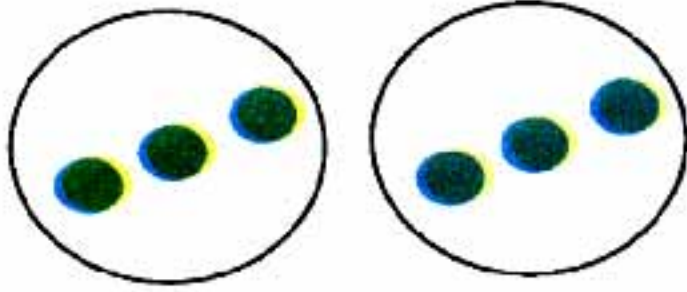
Number of sets ....

Repeated addition ....
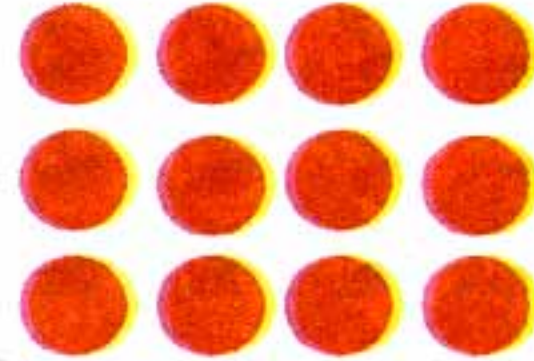
Multiplication ..... × ..... = ...

Number of rows ....

Repeated addition ....

Multiplication ..... × ..... = ...

Number of rows ....

Repeated addition ....
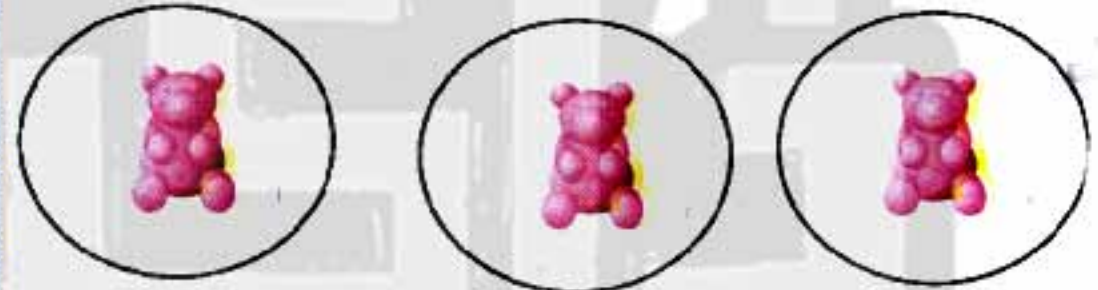
Multiplication ..... × ..... = ...

Number of sets ....

Repeated addition ....

Multiplication ..... × ..... = ...

Number of rows ....

Repeated addition ....

Multiplication ..... × ..... = ...

Number of rows ....

Repeated addition ....

Multiplication ..... × ..... = ...

Bakkar Series

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BAKKAR

The thousands - Multiplication

2 Find the number of all items using rows :

Number of rows ....
Repeated addition ....
Multiplication ..... × ..... = ...

Number of rows ....
Repeated addition ....
Multiplication ..... × ..... = ...

Number of rows ....
Repeated addition ....
Multiplication ..... × ..... = ...

Number of rows ....
Repeated addition ....
Multiplication ..... × ..... = ...

Number of rows ....
Repeated addition ....
Multiplication ..... × ..... = ...

Number of rows ....
Repeated addition ....
Multiplication ..... × ..... = ...

Primary ③ - Term 1

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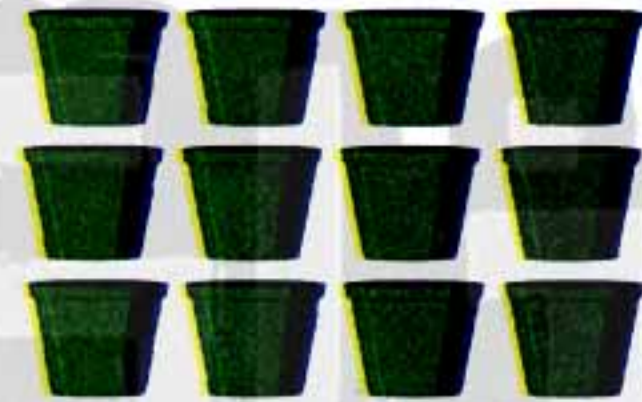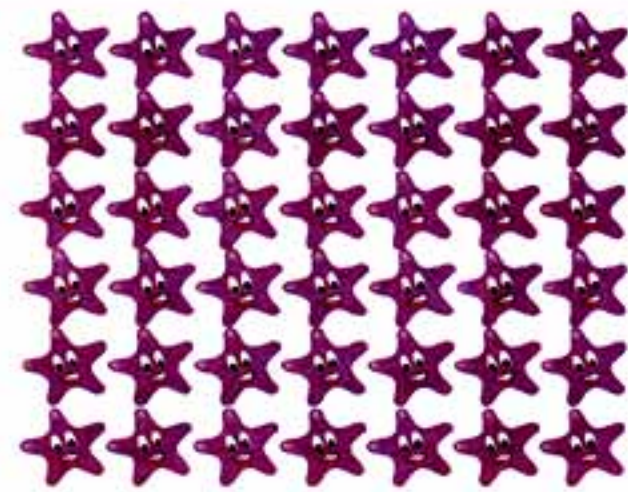
Lesson (19 , 20)

Commutative property of multiplication

Activity 1 — Notice and complete :
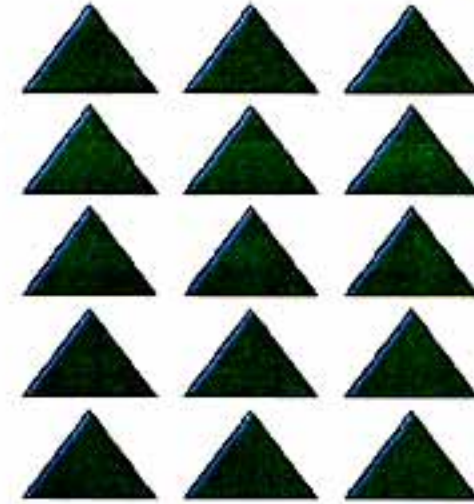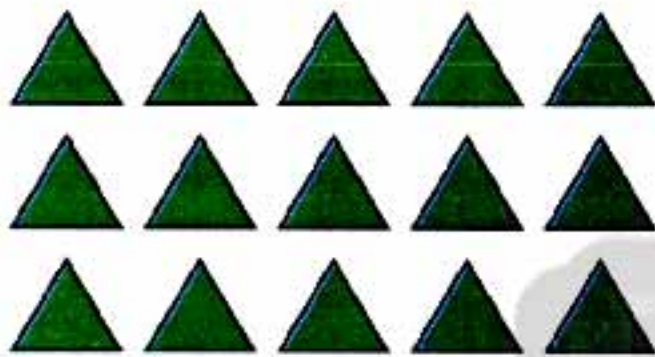
Math Journal

Number of rows ....
Number of columns ....
Total number of items ....
Rows × Columns = product
.... × .... = ...

Number of rows ....
Number of columns ....
Total number of items ....
Rows × Columns = product
.... × .... = ...

Notice commutative is verifier : **3 × 5 = 5 × 3 = 15**

Activity 2 — Notice and complete :

Math Journal

Number of rows ....
Number of columns ....
Total number of items ....
Rows × Columns = product
.... × .... = ...

Number of rows ....
Number of columns ....
Total number of items ....
Rows × Columns = product
.... × .... = ...

Notice commutative is verifier : **1 × 8 = 8 × 1 = 8**

Bakkar Series

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BAKKAR

The thousands - Multiplication

Exercise 1 | Notice and complete :

Number of circles ....
Number of dots ....
Total number ....
Circles × dots = product
.... × .... = ...

Number of circles ....
Number of dots ....
Total number ....
Circles × dots = product
.... × .... = ...
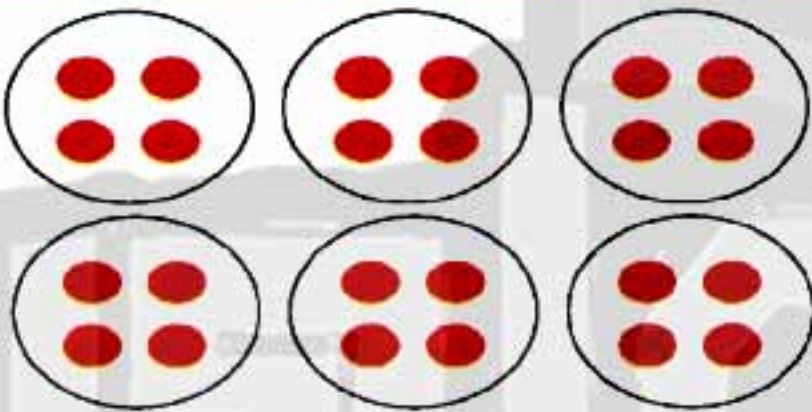
Number of circles ....
Number of dots ....
Total number ....
Circles × dots = product
.... × .... = ...
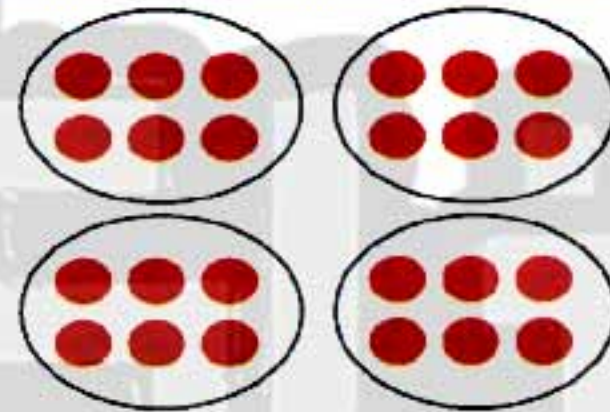
Number of circles ....
Number of dots ....
Total number ....
Circles × dots = product
.... × .... = ...
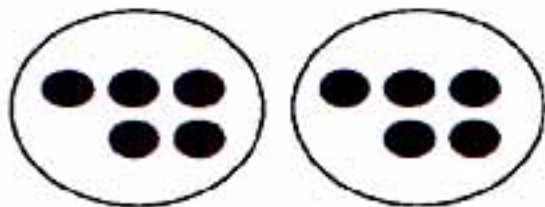
Number of circles ....
Number of dots ....
Total number ....
Circles × dots = product
.... × .... = ...

Number of circles ....
Number of dots ....
Total number ....
Circles × dots = product
.... × .... = ...

Exercise **2** Draw arrays that prove the commutative property of multiplication :

$2 \times 7 = $ ......
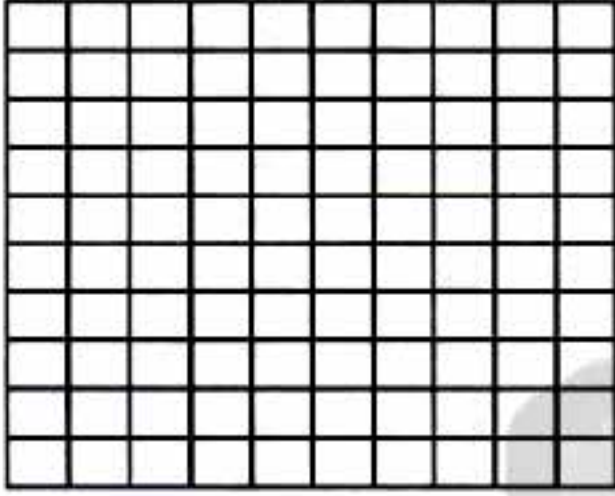
$7 \times 2 = $ ......
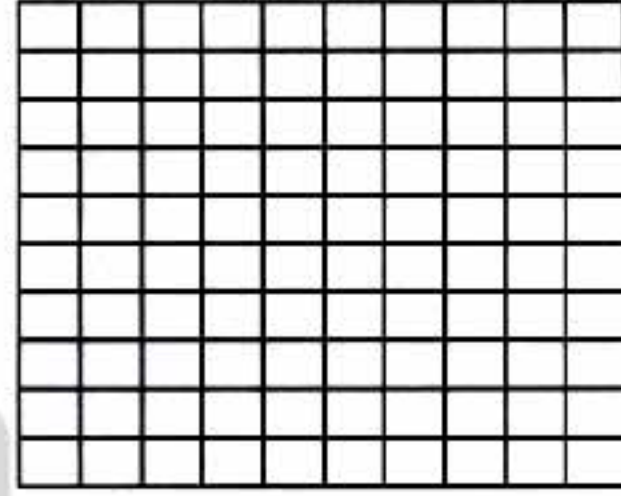
$5 \times 3 = $ ......
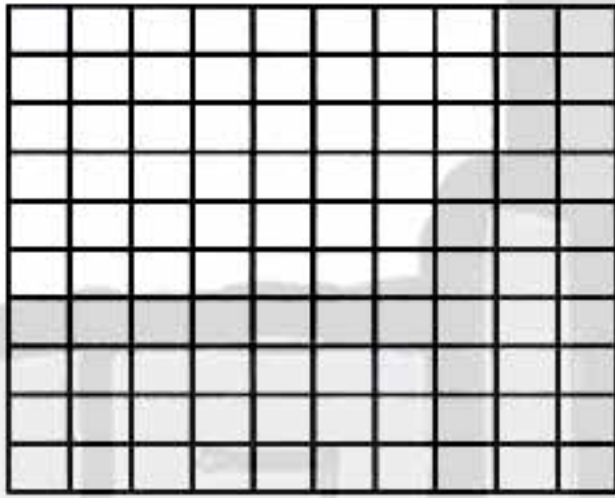
$3 \times 5 = $ ......
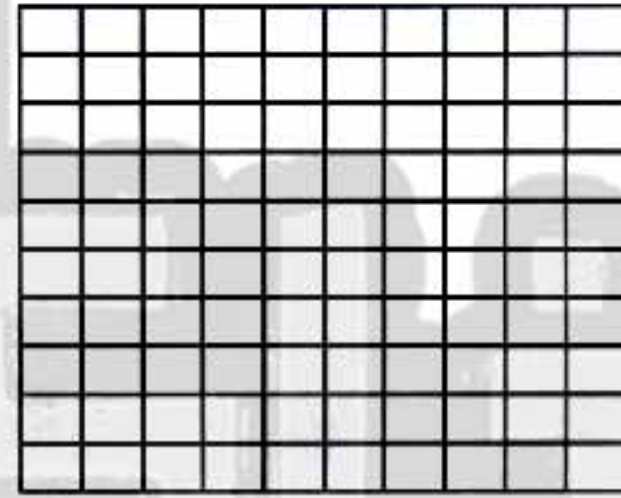
Activity **3** Use a die to form array :

- Roll the die one time that is the number of rows.

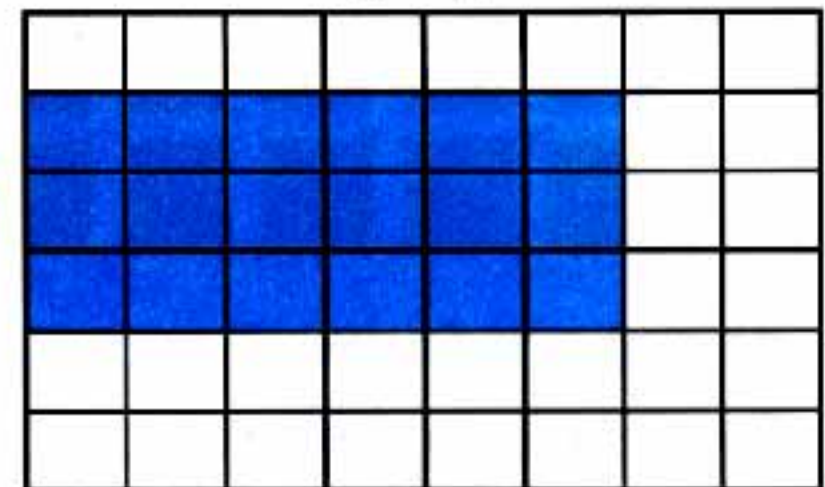- Roll the die second time that is the number of columns.

First roll   : 3 ⟶ 3 rows.

Second roll : 6 ⟶ 6 columns.

- Number of array squares = $3 \times 6 = 18$

- Number of empty squares = 30

The first player board

Bakkar Series

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Self – check on lesson (19 , 20)

1 Write the multiplication and addition equation :
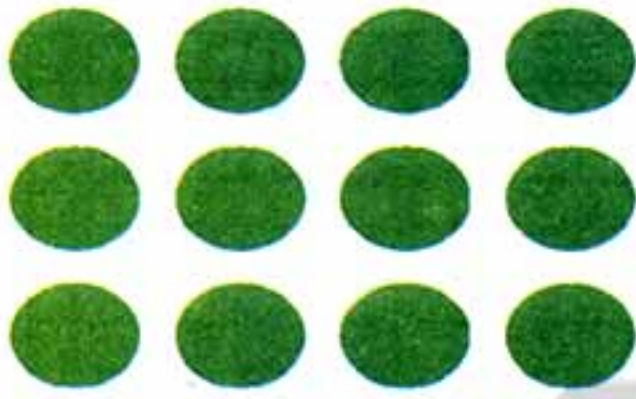
Number of rows ....
Repeated addition ....
Multiplication .... × .... = ...

Number of rows ....
Repeated addition ....
Multiplication .... × .... = ...
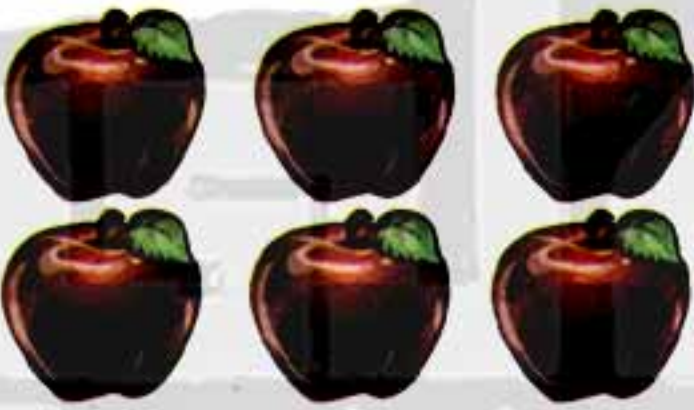
Number of rows ....
Repeated addition ....
Multiplication .... × .... = ...

Number of rows ....
Repeated addition ....
Multiplication .... × .... = ...
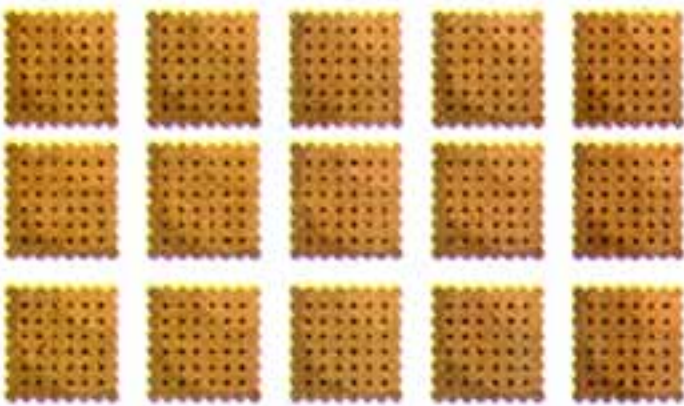
Number of rows ....
Repeated addition ....
Multiplication .... × .... = ...

Number of rows ....
Repeated addition ....
Multiplication .... × .... = ...

Chapter 2

2 Colour according to the multiplication :
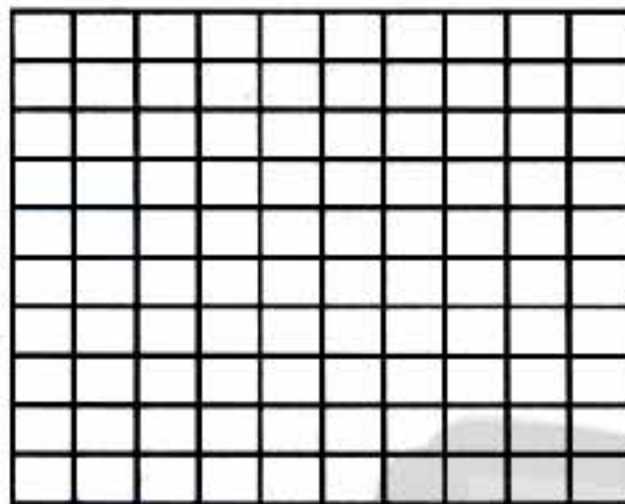
$6 \times 4 = \ldots$ $4 \times 6 = \ldots$
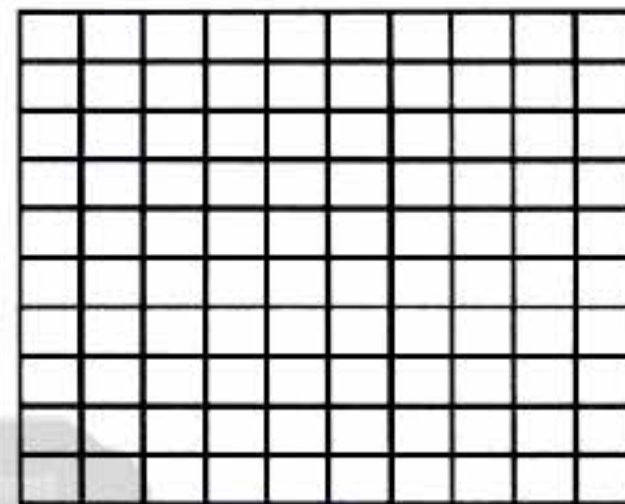
3 Use **6** apples to make different arrays then write the multiplication equation :

Multiplication $\ldots \times \ldots = \ldots$

Multiplication $\ldots \times \ldots = \ldots$

Multiplication $\ldots \times \ldots = \ldots$

Multiplication $\ldots \times \ldots = \ldots$

4 As the same way use **10** apples to make different arrays then write the multiplication equation :

Bakkar Series

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Self - check **1**   Chapters **2**

1 Complete the following :

a .... + ... + ... + 5 = 2 375

b The place value of (5) in 29 531 is ....

c 45 thousand = ... (standard form)

d 5 hundreds , 3 thousands , eleven .... in digits.

e The number just after 7 999 is ....

2 Arrange the following numbers in an ascending order :

a 9 157 , 9 517 , 9 751 , 9 715 , 9 175

The order : ....

b 30 003 , 30 300 , 33 000 , 30 000 , 30 303

The order : ....

3 Colour according to the product :

$9 \times 5 = $ ...... $5 \times 9 = $ ......

Primary ③ - Term 1
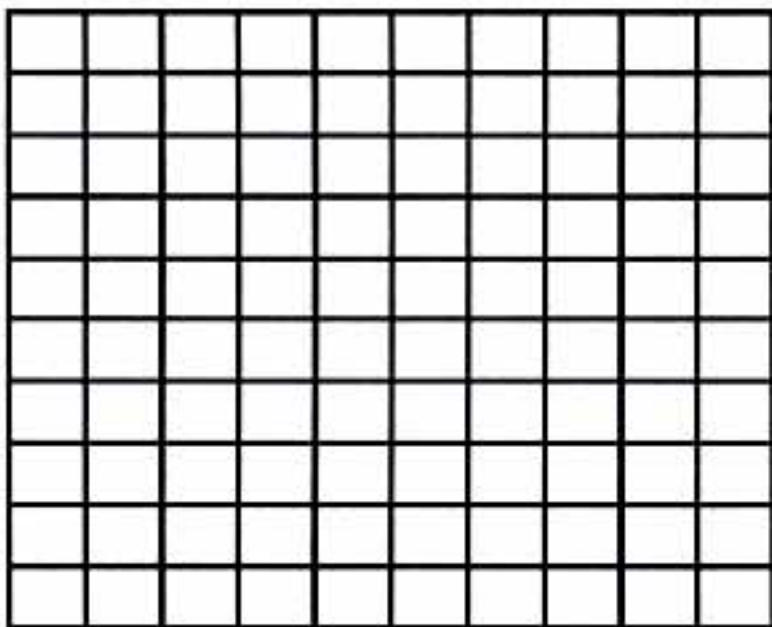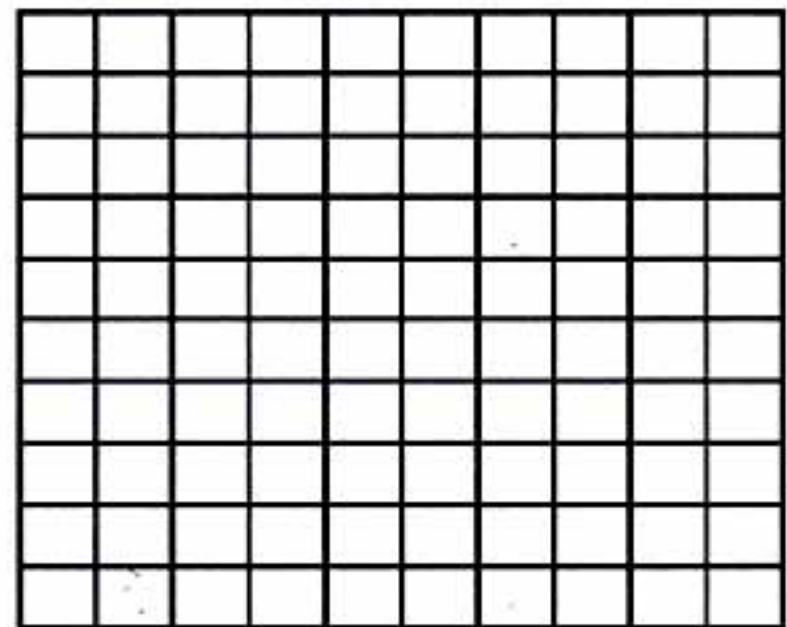
Self - check **2**   Chapter **1, 2**

1 Choose the correct answer :

a The greatest number can be formed from (0 , 1 , 3 , 9) is ....

(1 390 , 9 310 , 1 039)

b 43 760 = 40 000 + 3000 + ...   (76 , 700 , 760)

c The value of 7 in 17500 is ......   (70000 , 7000 , 7)

d 89 thousands = ...   (890 , 89 000 , 98 000)

e The place value of (9) in 29 531 is .....

(ones , hundreds , thousand)

2 Write the equation of addition and multiplication :
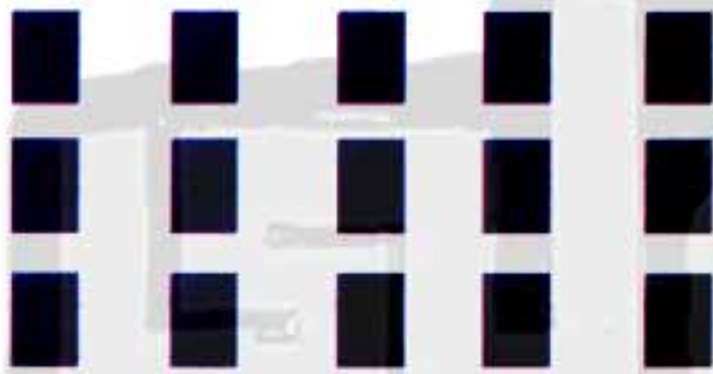
Number of columns ....   Number of raws ....

Repeated addition ....   Repeated addition ....

Multiplication ..... × ..... = ...   **Multiplication** ..... × ..... = ...

3 Use **8** apples to make different arrays then write multiplication equation for each :

Bakkar Series

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Chapter 3

Multiplication facts

Key Vocabulary

A Question	مسألة	Fair share	نصيب عادل
Clock	ساعة	Half an hour	نصف ساعة
Commutative	خاصية الإبدال	Minute	دقيقة
Division	القسمة	Modelling	النمذجة
Equal	المتساوي	Multiples	المضاعفات
Equal groups	مجموعات متساوية	Quotient	خارج القسمة
Every	كل	Split	تقسيم
Factors	العوامل	Time	الوقت
Facts	الحقائق		

Content

- Bakkar Self-Check
- Bakkar Exercise on lessons
- Exercise insipred from Math Journal
- Exercise inspired from Discover

Lesson (21 , 22)

Story problems on multiplying (Multiplication facts by 4)

Activity 1 — **Notice the difference between addition and multiplication :**

a) Amer has **3** dates and his mother gave him another **5** dates .

Number of dates with Amer = **3 + 5 = 8** dates

Amer   his mother

b) Amer has **3** bags of **4** pieces of fig each .

Number of figs with Amer = **4 + 4 + 4 = 12** pieces (**Addition facts**)

or $3 × 4 = 12$ pieces (**Multiplication**)

Activity 2 — **Answer the following :**

Farha went to the store to buy Loaf for a big family dinner .
At the store, she bought **4** bags of Loafs . Each bag contained **5** Loafs.
How many Loafs did Farha buy ?

Solution

Number of Loafs = ... + ... + ... + ... = ... (**Addition facts**)

or   = 4 × ..... = **20** pieces (**Multiplication**) .
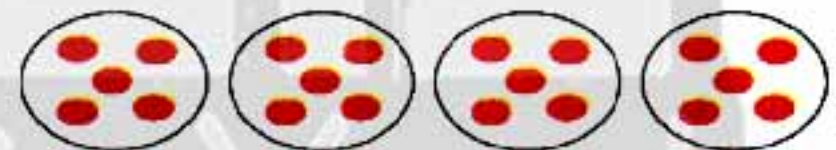
Exercise 1 — Notice and complete the pattern :

On Samira's walk home she saw 6 cars. If each car has 4 wheels,
how many wheels did she see in all ?

Solution

Number of wheels = ... + ... + ... + ... + ... + ... = ... wheels (**Addition facts**)

or   = 6 × ..... = **24** wheels (**Multiplication**)

Bakkar Series

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BAKKAR

Multiplication facts

Math Journal

Exercise 2

Mariam had 4 sweaters . Each sweater had 3 buttons it.

How many total buttons are there on all the sweaters ?

Number of buttons = ... + ... + ... + ... = ... button

(Repeated addition)

or   =   4   × .... = ... button (**Multiplication**)

Exercise 3

Rana packed 4 boxes full of cans . Each box had 6 cans .

How many total cans did Rana pack ?

= ..... + ... + ... + ... = ... box (**Repeated addition**)

or   =   4   × ....   = ... box (**Multiplication**)

Exercise 4

Amir hiked for 4 days over the summer .

Each day he hiked 7 km.

How many km did he hike in all ?

Number of km = ... + ... + ... + ... = ... km

(**Repeated addition**)

or   =   4   × ....= .... km (**Multiplication**)

Exercise 5

Each pack of pencils contains 8 pencils .

How many pencils are in 4 packs ?

number of pencils = ... + ... + ... + ... = ... pencils

(repeated addition)

or   = 4 × ....= .... pencils (**Multiplication**)

◢ **Chapter 3**

Skip–count by 4s (multiples of 4)

0, 4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48

111	112	113	114	115	116	117	118	119	120
101	102	103	104	105	106	107	108	109	110
91	92	93	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90
71	72	73	74	75	76	77	78	79	80
61	62	63	64	65	66	67	68	69	70
51	52	53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

Multiplication facts of 4

$$4 \times 0 = 0$$
$$4 \times 1 = 4$$
$$4 \times 2 = 8$$
$$4 \times 3 = 12$$
$$4 \times 4 = 16$$
$$4 \times 5 = 20$$
$$4 \times 6 = 24$$
$$4 \times 7 = 28$$
$$4 \times 8 = 32$$
$$4 \times 9 = 36$$
$$4 \times 10 = 40$$
$$4 \times 11 = 44$$
$$4 \times 12 = 48$$

Bakkar Series

Self – check on lesson (21 , 22)

1   **Answer the following :**

a) Manal brought 6 bags of cookies to school . each bag had 3 cookies in it . How many cookies were there all together ?

Number of pieces = ... = ... piece (repeated addition)

or = ... × .... = ... piece (Multiplication)

b) Sarah has picked flowers for three of her friends and wants to give each of her friend a bouquet of 4 flowers. So what is the total number of flowers that Sarah will need for all the packages ?

Number of flowers = ... = ... flower (repeated addition)

or = ... × .... = ... flower (Multiplication)

c) Malek runs 3 km each day .

How many km does he run in 7 days ?

Number of km = ... = ... km (repeated addition)

or = ... × .... = ... km (Multiplication)

d) A rocket needs 7 seconds to travel one kilometre .

How many seconds will it need to travel 4 kilometres

Number of seconds = ... = ... second (repeated addition)

or = ... × .... = ... second (Multiplication)

e) A bag of oranges holds 4 oranges ,how many oranges are in 8 bags ?

Number of oranges = ... = ... orange (repeated addition)

or = ... × .... = ... orange (Multiplication)

2   **Answer the following :**

a) $4 \times 5 =$ ....

b) $4 \times 9 =$ ....

c) $4 \times 2 =$ ....

d) $4 \times 7 =$ ....

e) $4 \times 6 =$ ....

f) $4 \times 1 =$ ....

g) $4 \times 8 =$ ....

h) $4 \times 12 =$ ....

i) $4 \times 3 =$ ....

j) $4 \times 4 =$ ....

3   **Answer the following :**

$\times$ 4   3   ......

$\times$ 4   7   ......

$\times$ 4   2   ......

$\times$ 4   9   ......

$\times$ 4   11   ......

$\times$ 4   8   ......

$\times$ 4   10   ......

$\times$ 4   6   ......

$\times$ 4   5   ......

$\times$ 4   4   ......

4   **Write the missing number :**

a)
$$\begin{array}{r} ...... \\ \times \quad 4 \\ \hline 36 \end{array}$$

b)
$$\begin{array}{r} 6 \\ \times \quad ...... \\ \hline 24 \end{array}$$

c)
$$\begin{array}{r} ...... \\ \times \quad 4 \\ \hline 8 \end{array}$$

d)
$$\begin{array}{r} 5 \\ \times \quad ...... \\ \hline 20 \end{array}$$

e)
$$\begin{array}{r} 4 \\ \times \quad ...... \\ \hline 12 \end{array}$$

f)
$$\begin{array}{r} ...... \\ \times \quad 4 \\ \hline 16 \end{array}$$

g)
$$\begin{array}{r} 4 \\ \times \quad ...... \\ \hline 28 \end{array}$$

h)
$$\begin{array}{r} ...... \\ \times \quad 1 \\ \hline 4 \end{array}$$

Bakkar Series

Lesson (23) Multiples

Multiplication facts of 2 & 3

Activity 1 — Notice :

| any number $\times$ 0 = 0 | $8 \times$ Zero = Zero , $8 +$ Zero = 8 |
| any number $\times$ 1 = The number itself | $8 \times 1 = 8$, $9 = 1 + 8$ |

Multiplying $\times$ 0

$1 \times 0 = 0$

$2 \times 0 = \ldots\ldots$

$3 \times 0 = \ldots\ldots$

$4 \times 0 = \ldots\ldots$

$5 \times 0 = \ldots\ldots$

$6 \times 0 = \ldots\ldots$

$7 \times 0 = \ldots\ldots$

$8 \times 0 = \ldots\ldots$

$9 \times 0 = \ldots\ldots$

$10 \times 0 = \ldots\ldots$

$11 \times 0 = \ldots\ldots$

$12 \times 0 = \ldots\ldots$

Multiplying $\times$ 1

$1 \times 1 = 1$

$2 \times 1 = \ldots\ldots$

$3 \times 1 = \ldots\ldots$

$4 \times 1 = \ldots\ldots$

$5 \times 1 = \ldots\ldots$

$6 \times 1 = \ldots\ldots$

$7 \times 1 = \ldots\ldots$

$8 \times 1 = \ldots\ldots$

$9 \times 1 = \ldots\ldots$

$10 \times 1 = \ldots\ldots$

$11 \times 1 = \ldots\ldots$

$12 \times 1 = \ldots\ldots$

Activity 2 — Notice the difference :

also :

$215 \times 0 = 0$

$37 \times 0 = 0$

$103 \times 0 = 0$

$9417 \times 0 = 0$

$215 \times 1 = 215$

$37 \times 1 = 37$

$103 \times 1 = 103$

$9417 \times 1 = 9417$

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Primary 3 - Term 1

Chapter 3

Skip–count by 2s (multiples of 2)
0, 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24

111	112	113	114	115	116	117	118	119	120
101	102	103	104	105	106	107	108	109	110
91	92	93	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90
71	72	73	74	75	76	77	78	79	80
61	62	63	64	65	66	67	68	69	70
51	52	53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

Multiplication facts × 2

$2 \times 0 = 0$
$2 \times 1 = 2$
$2 \times 2 = 4$
$2 \times 3 = 6$
$2 \times 4 = 8$
$2 \times 5 = 10$
$2 \times 6 = 12$
$2 \times 7 = 14$
$2 \times 8 = 16$
$2 \times 9 = 18$
$2 \times 10 = 20$
$2 \times 11 = 22$
$2 \times 12 = 24$

Bakkar Series

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BAKKAR

Multiplication facts

Skip–count by 3s (multiples of 3)
0, 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36

111	112	113	114	115	116	117	118	119	120
101	102	103	104	105	106	107	108	109	110
91	92	93	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90
71	72	73	74	75	76	77	78	79	80
61	62	63	64	65	66	67	68	69	70
51	52	53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

Multiplication facts × 3

$3 \times 0 = 0$
$3 \times 1 = 3$
$3 \times 2 = 6$
$3 \times 3 = 9$
$3 \times 4 = 12$
$3 \times 5 = 15$
$3 \times 6 = 18$
$3 \times 7 = 21$
$3 \times 8 = 24$
$3 \times 9 = 27$
$3 \times 10 = 30$
$3 \times 11 = 33$
$3 \times 12 = 36$

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Primary ③ - Term 1

Activity 3 **From the common multiplies for 2 and 3 :**

The common factors : 0 , 6 , 12 , 18 , 24 , ... , 120

(a) All of factor are even numbers

(b) Skip-count by 6s

(c) Write a multiple for 2 and 3 and more than 120 .

The solution : the multiple is 126

Exercise * **Answer the following :**

(a) How many wings are there in 9 birds ?

Solution   Number of wings = ... × ....

= .... wings

(b) The price of a doll is LE 8 .
What is the price of 2 dolls ?

Solution   Price of 2 dolls = ... × ....

= .... pounds

(c) If every student has to plant two trees in a school garden as a beauty school activity.
How many trees planted by 7 students?

Solution   Number of trees = ... × ....

= .... trees

(d) Gerges bought 3 kg of dates with 6 pounds each kg. What is the price of the dates?

Solution   The price of the dates = ... × ....

= .... pounds

Bakkar Series

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Self – check on lesson (23)

1 Find the product of the following :

a) $3 \times 0 = \underline{\hspace{2cm}}$

b) $3 \times 2 = \underline{\hspace{2cm}}$

c) $3 \times 9 = \underline{\hspace{2cm}}$

d) $3 \times 6 = \underline{\hspace{2cm}}$

e) $3 \times 11 = \underline{\hspace{2cm}}$

f) $3 \times 8 = \underline{\hspace{2cm}}$

g) $3 \times 4 = \underline{\hspace{2cm}}$

h) $3 \times 5 = \underline{\hspace{2cm}}$

i) $3 \times 7 = \underline{\hspace{2cm}}$

j) $3 \times 12 = \underline{\hspace{2cm}}$

k) $3 \times 3 = \underline{\hspace{2cm}}$

l) $3 \times 1 = \underline{\hspace{2cm}}$

2 Complete the following :

| × 3 3 | × 3 8 | × 3 7 | × 3 9 | × 3 2 |

| × 3 6 | × 3 0 | × 3 1 | × 3 5 | × 3 4 |

| × 2 4 | × 3 10 | × 2 8 | × 1 2 | × 2 5 |

Primary ③ - Term 1

Chapter 3

3 Answer the following :

a) If the box of cheese has **8** pieces , how many pieces in **3** boxes ?

Solution Number of pieces = ... × 8

= .... pieces.

b) Mohammed bought **9** pens and the price of a pen was **3** pounds.

How much are the pens cost ?

Solution The price of the pens = ... × 9

= .... pounds.

c) How many days in **2** weeks ?

Solution Number of days in 2 weeks = 2 × ....

= .... days.

d) How many legs are there in **3** chickens ?

Solution Number of legs = 3 × ....

= .... legs.

e) If the fan has **3** feather , find the number of feather in **5** fans:

Solution Number of feathers = ... × ....

= .... feather .

Bakkar Series

BAKKAR

Multiplication facts

4 Complete using (< , > , =)

(a) 3×1 ☐ 4

(b) 2×8 ☐ 8

(c) 3×4 ☐ 12

(d) 3×7 ☐ 20

(e) 3×5 ☐ 14

(f) 12×0 ☐ 12

(g) 1×4 ☐ 5

(h) $3 + 7$ ☐ 2×3

5 Complete using (+ , × , -)

(a) 3 ☐ $7 = 21$

(b) 7 ☐ $3 = 10$

(c) 7 ☐ $3 = 4$

(d) 3 ☐ $0 = 0$

(e) 2 ☐ $5 = 10$

(f) 2 ☐ $5 = 7$

(g) 5 ☐ $2 = 3$

(h) 3 ☐ $9 = 12$

(i) 3 ☐ $9 = 27$

(j) 8 ☐ $3 = 24$

(k) 3 ☐ $0 = 3$

(l) 3 ☐ $4 = 7$

Lesson (24)

- First -
Multiples of numbers 5 , 10

Skip–count by 5s (multiples of 5)

0, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60

111	112	113	114	115	116	117	118	119	120
101	102	103	104	105	106	107	108	109	110
91	92	93	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90
71	72	73	74	75	76	77	78	79	80
61	62	63	64	65	66	67	68	69	70
51	52	53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

Multiplication facts × 5

$5 \times 0 = 0$

$5 \times 1 = 5$

$5 \times 2 = 10$

$5 \times 3 = 15$

$5 \times 4 = 20$

$5 \times 5 = 25$

$5 \times 6 = 30$

$5 \times 7 = 35$

$5 \times 8 = 40$

$5 \times 9 = 45$

$5 \times 10 = 50$

$5 \times 11 = 55$

$5 \times 12 = 60$

Bakkar Series

BAKKAR

Multiplication facts

Skip–count by 10s (multiples of 10)

0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120

111	112	113	114	115	116	117	118	119	120
101	102	103	104	105	106	107	108	109	110
91	92	93	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90
71	72	73	74	75	76	77	78	79	80
61	62	63	64	65	66	67	68	69	70
51	52	53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

Multiplication facts × 10

$$10 \times 0 = 0$$
$$10 \times 1 = 10$$
$$10 \times 2 = 20$$
$$10 \times 3 = 30$$
$$10 \times 4 = 40$$
$$10 \times 5 = 50$$
$$10 \times 6 = 60$$
$$10 \times 7 = 70$$
$$10 \times 8 = 80$$
$$10 \times 9 = 90$$
$$10 \times 10 = 100$$
$$10 \times 11 = 110$$
$$10 \times 12 = 120$$

96

Primary ③ - Term 1

Self - check on lesson(24 –First)

1 Find the product of the following :

a) $5 \times 0 =$ ....
b) $10 \times 2 =$ ....
c) $10 \times 1 =$ ....
d) $5 \times 11 =$ ....
e) $5 \times 4 =$ ....
f) $5 \times 5 =$ ....
g) $5 \times 6 =$ ....
h) $10 \times 5 =$ ....
i) $10 \times 8 =$ ....
j) $5 \times 10 =$ ....
k) $10 \times 6 =$ ....
l) $10 \times 3 =$ ....

2 Complete the following :

$\times \begin{matrix}5\\7\end{matrix}$ ...... $\times \begin{matrix}3\\5\end{matrix}$ ...... $\times \begin{matrix}5\\2\end{matrix}$ ...... $\times \begin{matrix}5\\9\end{matrix}$ ...... $\times \begin{matrix}5\\0\end{matrix}$ ......

$\times \begin{matrix}4\\5\end{matrix}$ ...... $\times \begin{matrix}5\\6\end{matrix}$ ...... $\times \begin{matrix}5\\5\end{matrix}$ ...... $\times \begin{matrix}5\\3\end{matrix}$ ...... $\times \begin{matrix}5\\8\end{matrix}$ ......

$\times \begin{matrix}7\\4\end{matrix}$ ...... $\times \begin{matrix}3\\3\end{matrix}$ ...... $\times \begin{matrix}4\\2\end{matrix}$ ...... $\times \begin{matrix}3\\0\end{matrix}$ ...... $\times \begin{matrix}1\\2\end{matrix}$ ......

Bakkar Series

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BAKKAR

Multiplication facts

3 **Write the missing number :**

(a) $3 \times \underline{\hspace{1cm}} = \boxed{30}$

(b) $\underline{\hspace{1cm}} \times 5 = \boxed{50}$

(c) $10 \times \underline{\hspace{1cm}} = \boxed{60}$

(d) $\underline{\hspace{1cm}} \times 6 = \boxed{36}$

(e) $2 \times \underline{\hspace{1cm}} = \boxed{18}$

(f) $5 \times \underline{\hspace{1cm}} = \boxed{20}$

4 **Look at the lest price then complete :**

Rice	oil	bread	lentil	cheese
5 LE	9 LE	1 LE	10 LE	4 LE

(a) The price of **5** bottles of oil = 5 × .... = ... ponds

(b) The price of **5** kilogram of lentil = 5 × .... = ... ponds

(c) The price of **8** kilogram of rice = 8 × .... = ... ponds

(d) The price of **10** boxes of cheese = 10 × .... = ... ponds

(e) The price of **4** loaves of bread = 4 × .... = ... ponds

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Primary ③ - Term 1

Lesson (24)

–Second–
multiplication facts of 7

Activity 1 Skip-count by 7s
Complete the multiplication facts of 7

111	112	113	114	115	116	117	118	119	120
101	102	103	104	105	106	107	108	109	110
91	92	93	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90
71	72	73	74	75	76	77	78	79	80
61	62	63	64	65	66	67	68	69	70
51	52	53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

Multiplication facts × 7

$7 \times 0 = 0$

$7 \times 1 = 7$

$7 \times 2 = \dots$

$7 \times 3 = 21$

$7 \times 4 = \dots$

$7 \times 5 = \dots$

$7 \times 6 = \dots$

$7 \times 7 = \dots$

$7 \times 8 = \dots$

$7 \times 9 = \dots$

$7 \times 10 = 70$

$7 \times 11 = \dots$

$7 \times 12 = 84$

Bakkar Series

Self - check on lesson(24 –Second)

1 From the multiplication facts complete :

a) $7 \times 6 = $ ....

b) $7 \times 7 = $ ....

c) $4 \times 7 = $ ....

d) $7 \times 1 = $ ....

e) $7 \times 0 = $ ....

f) $7 \times 2 = $ ....

g) $7 \times 3 = $ ....

h) $7 \times 8 = $ ....

i) $7 \times 5 = $ ....

j) $7 \times 4 = $ ....

k) $3 \times 8 = $ ....

l) $2 \times 5 = $ ....

2 Complete the following :

$$\begin{array}{r} 7 \\ \times\ 7 \\ \hline \end{array}$$
....

$$\begin{array}{r} 7 \\ \times\ 5 \\ \hline \end{array}$$
....

$$\begin{array}{r} 7 \\ \times\ 1 \\ \hline \end{array}$$
....

$$\begin{array}{r} 7 \\ \times\ 9 \\ \hline \end{array}$$
....

$$\begin{array}{r} 7 \\ \times\ 4 \\ \hline \end{array}$$
....

$$\begin{array}{r} 7 \\ \times\ 6 \\ \hline \end{array}$$
....

$$\begin{array}{r} 7 \\ \times\ 0 \\ \hline \end{array}$$
....

$$\begin{array}{r} 7 \\ \times\ 3 \\ \hline \end{array}$$
....

$$\begin{array}{r} 7 \\ 2\ \times \\ \hline \end{array}$$
....

$$\begin{array}{r} 7 \\ \times\ 8 \\ \hline \end{array}$$
....

3 Complete in the same pattern :

a) 0 , 7 , 14 , ..., ..., ...

b) 63 , 56 , 49 , ..., ..., ...

c) 28, ..., 42 , 49 , ..., ...

d) 49, 42, ..., ..., 21 , ...

100

Primary ③ - Term 1

4 Chapter 3

4 **Complete using (+ , × , -) :**

(a) 7 ◯ 1 = 8   (b) 7 ◯ 1 = 6

(c) 7 ◯ 1 = 7   (d) 7 ◯ 7 = 49

(e) 7 ◯ 0 = zero   (f) 7 ◯ 0 = 7

(g) 3 ⊗ 7 = 20 ◯ 1   (h) 3 ◯ 7 = 9 ◯ 1

(i) 7 ◯ 2 = 20 ◯ 6   (j) 7 ◯ 2 = (2 × 7)

5 **Answer the following :**

(a) Savings are a great business, if Kenzy saves 3 pounds daily .

How many pounds do Kenzy save in a week ?

Solution What Kenzy save in a week = 3 × .... = ... pounds .

(b) If the worker works 7 hours a day for 6 days a week .

How many hours does he work per week ?

Solution Number of hours = ... × .... = ... hours .

(c) How many days in 9 weeks ?

Solution Number of days = ... × 9 = ... days .

(d) The third primary class pupils stood in 7 rows in each row

5 students . How many pupils in the class ?

Solution Number of pupils = 7 × .... = ... pupils .

Bakkar Series   101

Lesson (25)

First : multiplication facts × 6
Factorizing the number into two factors

Skip-count by 6s (multiples of 6)

0 , 6 , 12 , 18 , 24 , 30 , 36 , 42 , 48 , 54 , 60 , 66 , 72

111	112	113	114	115	116	117	118	119	120
101	102	103	104	105	106	107	108	109	110
91	92	93	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90
71	72	73	74	75	76	77	78	79	80
61	62	63	64	65	66	67	68	69	70
51	52	53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

Multiplication facts × 6

$6 \times 0 = 0$

$6 \times 1 = 6$

$6 \times 2 = 12$

$6 \times 3 = 18$

$6 \times 4 = 24$

$6 \times 5 = 30$

$6 \times 6 = 36$

$6 \times 7 = 42$

$6 \times 8 = 48$

$6 \times 9 = 54$

$6 \times 10 = 60$

$6 \times 11 = 66$

$6 \times 12 = 72$

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Primary ③ - Term 1

Chapter 3

Activity 1 From **6** chair make all possible arrays and write the factors of **6** :

Two rows with **3** chair
$2 \times 3 = 6$

one row with **6** chair
$1 \times 6 = 6$

Six rows with **1** chair
$6 \times 1 = 6$

Three rows with **2** chair
$3 \times 2 = 6$

Factors of 6 : 1 ,2 ,3 ,6

Exercise 1 From **10** balls make all possible arrays and write the factors of **10** :

Two rows with 5 balls
$2 \times 5 = \ldots$

one row with 10 balls
$1 \times 10 = \ldots$

Ten rows with 1 balls
$10 \times 1 = \ldots$

Five rows with 2 balls
$5 \times 2 = \ldots$

Factors of 10 : ...... , ... , ... , ...

Bakkar Series

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BAKKAR

Multiplication facts

Exercise 2   From 8 chair make all possible arrays :

* one row with 8 chair

$1 × 8 = 8$

× × × × × × × ×

* Two rows with 4 chair

× × × ×
× × × × $2 × 4 = 8$

* Four rows with 2 chair

× ×
× ×
× × $4 × 2 = 8$
× ×

* Eight rows with 1 chair

$8 × 1 = 8$
×
×
×
×
×
×
×
×

Factors of 8 : ...... , ... , ... , ...

Exercise 3   From 9 chair make all possible arrays :

* one row with 9 chair

$1 × 9 = 9$

× × × × × × × × ×

* Nine rows with 1 chair

$9 × 1 = 9$
×
×
×
×
×
×
×
×
×

* Three rows with 3 chair

$3 × 3 = 9$ × × ×
× × ×
× × ×

Factors of 9 : ...... , ... , ...

104

Primary ③ - Term 1

Self – check on lesson(25 –First)

1 From multiplication facts complete the following :

(a) $6 \times 6 =$ ....

(b) $6 \times 7 =$ ....

(c) $5 \times 5 =$ ....

(d) $6 \times 1 =$ ....

(e) $6 \times 0 =$ ....

(f) $6 \times 2 =$ ....

(g) $6 \times 3 =$ ....

(h) $6 \times 8 =$ ....

(i) $6 \times 5 =$ ....

(j) $6 \times 4 =$ ....

(k) $3 \times 7 =$ ....

(l) $4 \times 5 =$ ....

2 Complete the following :

$$\begin{array}{r} 6 \\ \times\ 3 \\ \hline \end{array}\qquad \begin{array}{r} 6 \\ \times\ 6 \\ \hline \end{array}\qquad \begin{array}{r} 6 \\ \times\ 5 \\ \hline \end{array}\qquad \begin{array}{r} 6 \\ \times\ 0 \\ \hline \end{array}\qquad \begin{array}{r} 6 \\ \times\ 1 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times\ 7 \\ \hline \end{array}\qquad \begin{array}{r} 6 \\ \times\ 4 \\ \hline \end{array}\qquad \begin{array}{r} 6 \\ \times\ 9 \\ \hline \end{array}\qquad \begin{array}{r} 6 \\ \times\ 2 \\ \hline \end{array}\qquad \begin{array}{r} 6 \\ \times\ 8 \\ \hline \end{array}$$

3 Complete using [< , = , >] :

(a) 6×6 ⬚ 6×5

(b) 6×2 ⬚ 6×3

(c) 6×1 ⬚ 6×0

(d) 6×5 ⬚ 5×6

(e) 6×8 ⬚ 6×9

(f) $(5 \times 5) + 5$ ⬚ $(6 \times 6) - 6$

Bakkar Series

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BAKKAR   **Multiplication facts**

4 Write two factors to get the following as in(a):

a) Their product 8   The two factors are (1 , 8) or (2 , 4)

b) Their product 12   The two factors are ....

c) Their product 20   The two factors are ....

d) Their product 10   The two factors are ....

e) Their product 15   The two factors are ....

5 Answer the following :

a) Hassan study every day for 5 hours. He goes out with his family on Friday for a walk .
How many hours does Hassan study in a week ?

Solution

The number of days of the week   = ... days

The number of study days   = ... days

The number of studying hours per day   = ... hours

The number of studying hours per week = ... × ......

= .... hours

b) Mary bought six books , the price of one book is 4 pounds .
Find the price of all books ?

Solution   The price of books   = ... × ....

= .... Pounds.

c) Basem bought 7 books for 6 pounds each , so what is the price of what he paid ?

Solution   Total what he paid   = ... × ....

= .... Pounds

106   **Primary 3 - Term 1**

Lesson (25)

Second : multiplication facts × 8
Factorizing the number into two factors

Activity 1 By using Skip-count by **8s** on **120** chart complete multiplication facts × **8**

Skip–count by **8s** (multiples of 8)

0 , 8 , ... , ... , ... , ... , ... , ... , ... , ... , ... , ...

111	112	113	114	115	116	117	118	119	120
101	102	103	104	105	106	107	108	109	110
91	92	93	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90
71	72	73	74	75	76	77	78	79	80
61	62	63	64	65	66	67	68	69	70
51	52	53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

Multiplication facts × 8

$8 \times 0 = 0$

$8 \times 1 = ...$

$8 \times 2 = ...$

$8 \times 3 = ...$

$8 \times 4 = ...$

$8 \times 5 = ...$

$8 \times 6 = ...$

$8 \times 7 = ...$

$8 \times 8 = ...$

$8 \times 9 = ...$

$8 \times 10 = ...$

$8 \times 11 = ...$

$8 \times 12 = ...$

Bakkar Series

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BAKKAR

Multiplication facts

Factorizing the number into two factors

Activity 2 Write the factors of number ٩ :

9

1×9 3×3

Factors of number 9 : 1, 3, 9

Exercise 1 Complete the factors of the number :

14

$1 \times$ .... $2 \times$ ....
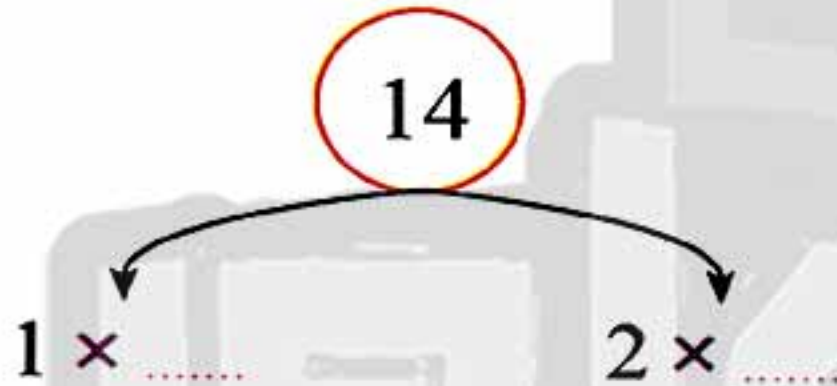
Factors of number 14 are : ....

10

$1 \times$ .... $2 \times$ ....
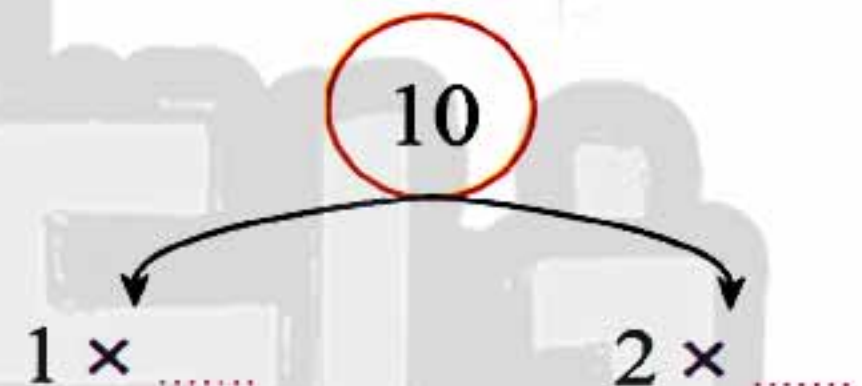
Factors of number 10 are : ....

22

..... $\times$ .... $\times$ ....

Factors of number 22 are : ....

15

..... $\times$ .... $\times$ ....

Factors of number 15 are : ....

18

....
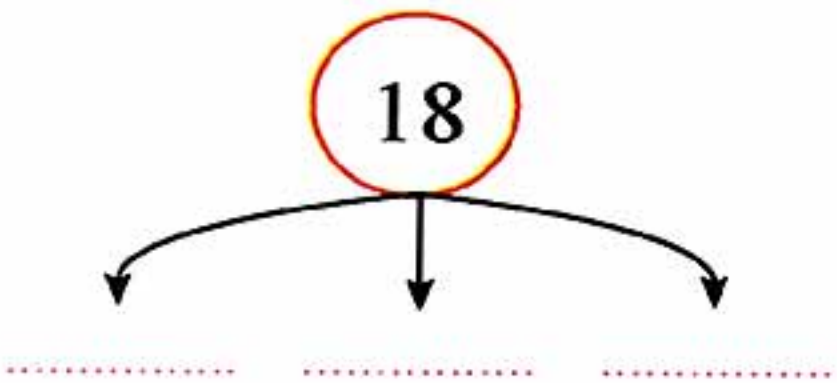
Factors of number 18 are : ....

12

....
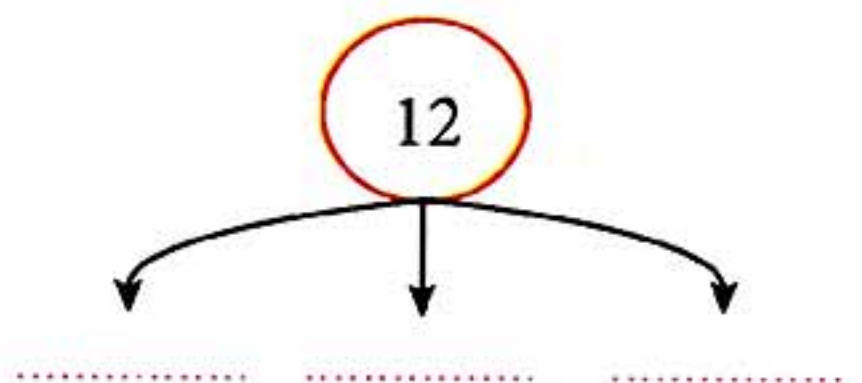
Factors of number 12 are : ....

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Primary ③ - Term 1

Self – check on lesson(25 –Second)

1 Answer the following :

(a) $8 \times 6 =$ ....

(b) $8 \times 7 =$ ....

(c) $8 \times 4 =$ ....

(d) $8 \times 1 =$ ....

(e) $8 \times 0 =$ ....

(f) $8 \times 5 =$ ....

(g) $8 \times 3 =$ ....

(h) $8 \times 8 =$ ....

2 Complete :

$$
\begin{array}{r} 8 \\ \times\, 0 \\ \hline \end{array}
\qquad
\begin{array}{r} 8 \\ \times\, 6 \\ \hline \end{array}
\qquad
\begin{array}{r} 8 \\ \times\, 1 \\ \hline \end{array}
\qquad
\begin{array}{r} 8 \\ \times\, 3 \\ \hline \end{array}
\qquad
\begin{array}{r} 8 \\ \times\, 8 \\ \hline \end{array}
$$

$$
\begin{array}{r} 8 \\ \times\, 5 \\ \hline \end{array}
\qquad
\begin{array}{r} 8 \\ \times\, 4 \\ \hline \end{array}
\qquad
\begin{array}{r} 8 \\ \times\, 7 \\ \hline \end{array}
\qquad
\begin{array}{r} 8 \\ \times\, 2 \\ \hline \end{array}
\qquad
\begin{array}{r} 8 \\ \times\, 9 \\ \hline \end{array}
$$

$$
\begin{array}{r} 6 \\ \times\, 0 \\ \hline \end{array}
\qquad
\begin{array}{r} 7 \\ \times\, 3 \\ \hline \end{array}
\qquad
\begin{array}{r} 8 \\ \times\, 10 \\ \hline \end{array}
\qquad
\begin{array}{r} 5 \\ \times\, 4 \\ \hline \end{array}
\qquad
\begin{array}{r} 3 \\ \times\, 3 \\ \hline \end{array}
$$

3 Complete with the same pattern :

(a) 8 , 16 , 24 , ... , ...

(b) 64 , ... , 48 , ... , 32

(c) 40 , 48 , ... , 64 , ...

(d) 40 , 32 , ... , ... , 8

Bakkar Series

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BAKKAR

Multiplication facts

4 Complete using [< , = , >] :

a) 8×6 50   b) 8×0 1

c) 8×5 40   d) 8×1 8

e) 8×3 20   f) 6×3 20

g) 8×2 10   h) 7×5 45

i) 8×7 56   j) 7×7 48

5 Answer the following :

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https://www.zakrooly.com

a) How many days in 8 weeks?

Solution Number of days = $8 \times$ .... = ... days .

b) If a family consumes 6 bottles of water per day,
How many bottles do you consume in 8 days?

Solution Number of litres = ... $\times$ .... = ... bottles

c) If the box of cheese contains 8 pieces of cheese triangles,
How many pieces are in 9 boxes?

Solution Number of pieces = $8 \times$ .... = ... pieces

d) If the number of legs in one chair is 4 legs,
How many legs are there in 8 chairs?

Solution The number of legs in 8 chairs = ... $\times$ ....

= .... legs

Primary ③ - Term 1

6 Complete the factors of the number as Ex :

Example :

6

1×6 2×3
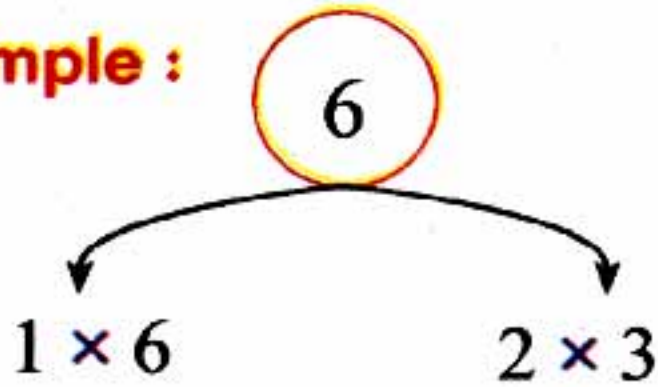
Factors of number **6** are : 1, 2, 3, 6

8

....
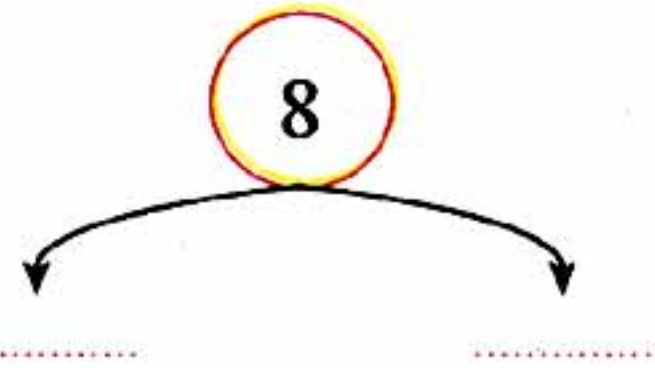
Factors of number **8** are : ....

35

...... × .... × ......
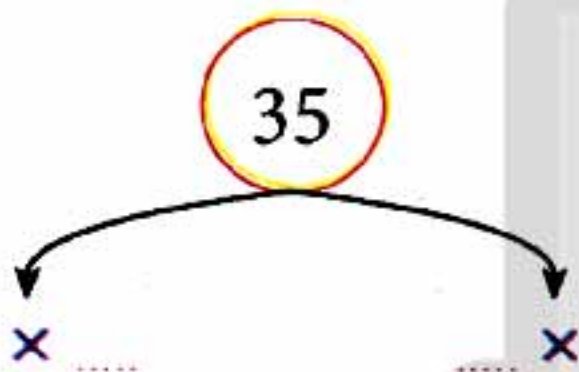
Factors of number **35** are : ....

21

...... × .... × ......
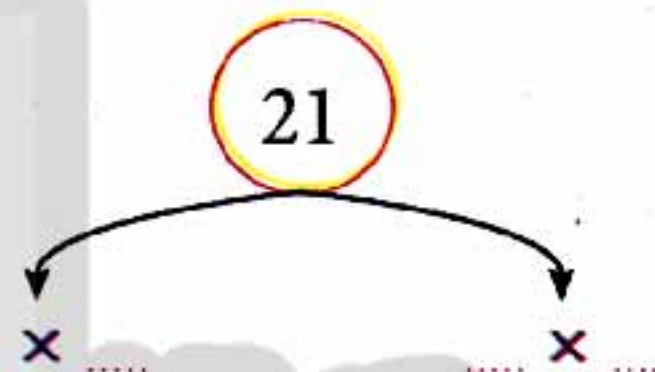
Factors of number **21** are : ....

20

....
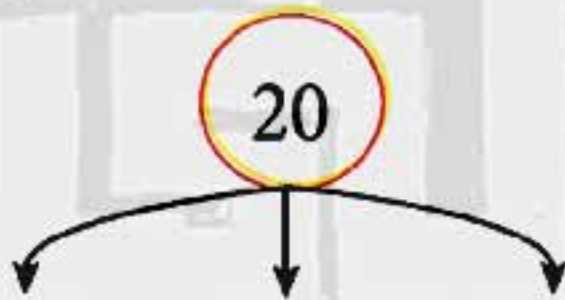
Factors of number **20** are : ....

16

....
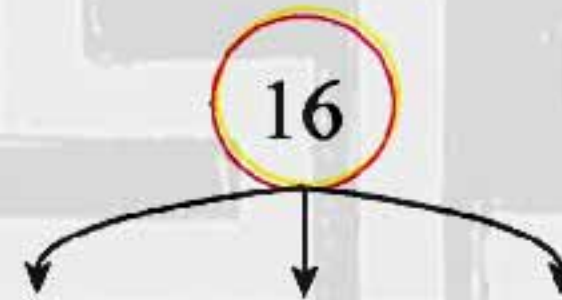
Factors of number **16** are : ....

7 Complete the Factors of the number :

Number	Factors of number	Number of Factors
5	1, 5	2
4	....	....
11	....	....
26	....	....
28	....	....

Bakkar Series

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Lesson (26 , 27)

The time

Activity 1 Notice the shaded part of the watch :

| Quarter of an hour = 15 minutes | Half an hour = 30 minutes | Quarter to an hour = 45 minutes | 1 hour = 60 minutes |

Activity 2 Notice the time shown :

| 4 : 00 | 4 : 15 | 4 : 30 | 4 : 45 |

Exercise 1 Draw hands according to the time :

2 : 00   2 : 15   2 : 30   2 : 45

Primary 3 - Term 1

Chapter 3

Activity 3 **Notice the pattern :**

Beginning of counting Time

5 minutes

10 minutes

15 minutes
= Quarter of an hour

20 minutes
third of an hour

25 minutes

30 minutes
= Half an hour

35 minutes

40 minutes

45 minutes

50 minutes

55 minutes

60 minutes
One hour

Bakkar Series

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BAKKAR

Multiplication facts

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يوتيوب
واتس اب
تليجرام

Activity 4   **Notice the time :**

8 : 00

Eight o'clock

8 : 05

Its : 5 past Eight

8 : 10

Its : 10 past Eight
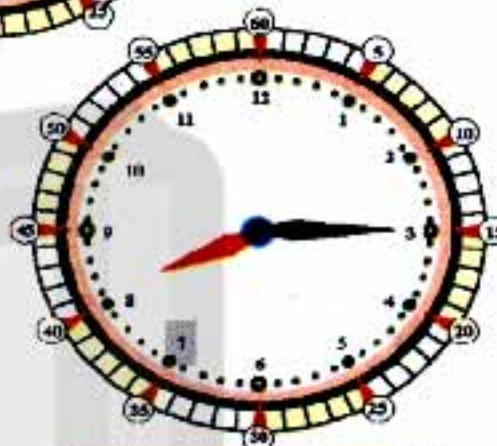
8 : 15

Its : quarter past Eight

8 : 20

Its : 20 past Eight

8 : 25

Its : 25 past Eight

8 : 30

Its : half past Eight

8 : 35

Its : 35 past Eight
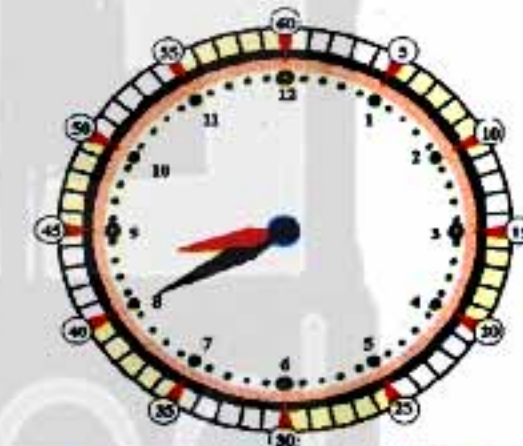
8 : 40

Its : 20 to 9

8 : 45

Its : quarter to nine
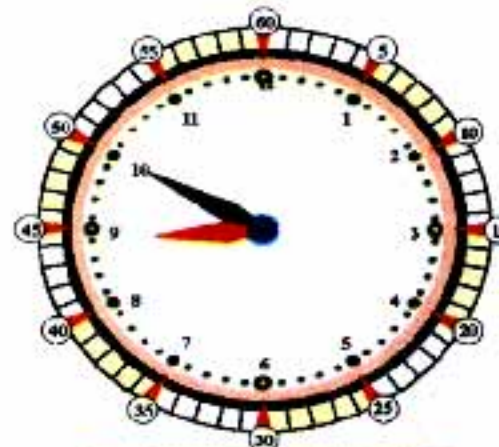
8 : 50

Its : 10 to 9
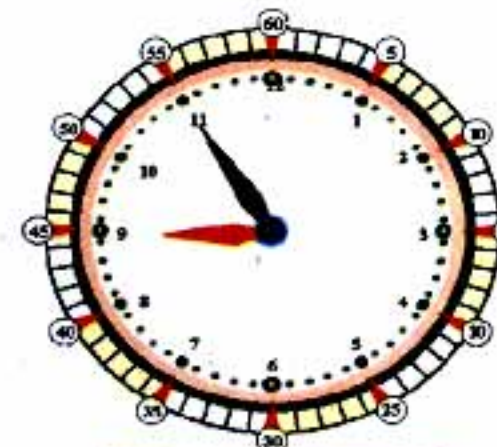
8 : 55

Its : 5 to 9
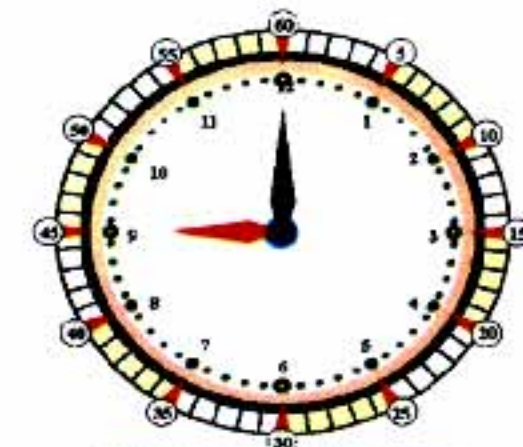
9 : 00

Its : Nine o'clock

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Primary ③ - Term 1

Chapter 3

Activity 5 Draw hands according to the time :

Half past two	Seven and **50** minutes	Quarter past four	Five past Eleven

20 past Nine	Six o'clock	Ten past Eleven	Quarter past five

Activity 6

Mohammed go out at ___ In the morning ,

he arrived at school at ___ .

The time he spent = ... minutes .

Exercise 2

Hisham sat for lunch at ___ . It took **20** minutes to

eat food . Draw the two hands on the clock shown

the new time .
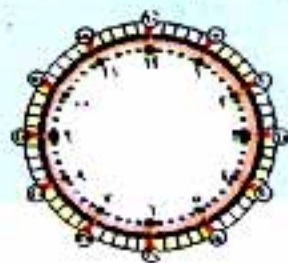
Bakkar Series

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BAKKAR

Multiplication facts

Activities from Math Journal

Activity 1 The mother put the cookies in the oven at **7:00** and when she removed the cookies, the hour looked like the picture, How many minutes did it take cakes **?**

Solution The time = ... minutes .

Activity 2 She leaves school at **3:00 pm**, and when she gets home the time was as the picture. How many minutes did she take to go to home **?**

Solution The time = ... minutes .

Activity 3 If the distance from school to home is **45** minutes on foot, and you leave school **3:00** , What time will you get home? Draw the time on the watch.

Solution The time : ....

Activity 4 Join the analog watch with the digit clock:

8 :03

3 :40

8 :15

Primary ③ - Term 1

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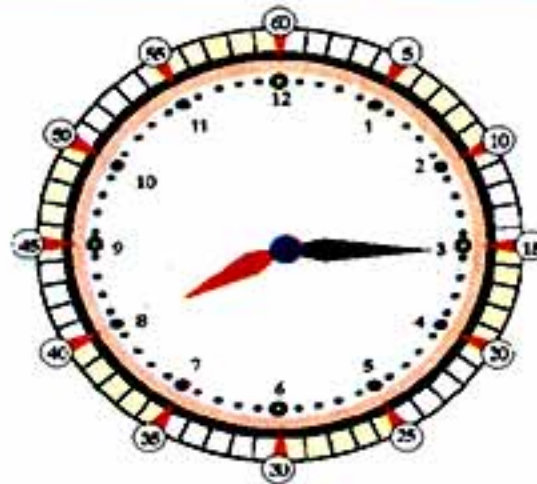
Self – check on lesson (26 , 27)

1 Write the time as an example :

EX

| 9 :05 | .... : .... | .... : .... | .... : .... |

| .... : .... | .... : .... | .... : .... | .... : .... |

| .... : .... | .... : .... | .... : .... | .... : .... |
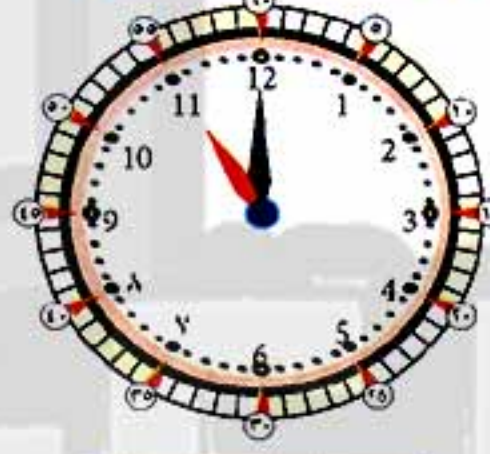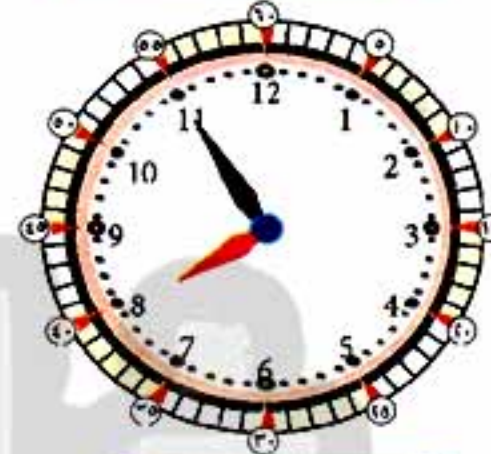
2

Rajab went to the grocery store at ... Evening ,
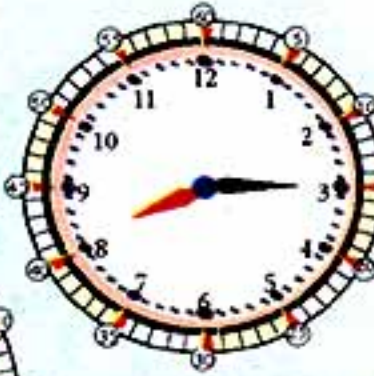
then he went home at ...

The time it took = ... minutes

Bakkar Series

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BAKKAR

Multiplication facts

---

3 Draw the short hand only for each of the following watches :

20 to three	**10 past 4**	**Half past four**	**Nine o'clock**

35 past three	**Quarter past one**	**20 past ten**	**5 past five**

---

4 Draw the long hand only for each of the following watches :

25 past three	**10 past Four**	**Half past five**	**One o'clock**

Quarter past eight	**Three o'clock**	**5 past two**	**Quarter past seven**

5 Draw the hands according to the following cases :

Now — **After an hour**

Until one hour — **Now**

Now — **After 3 hour**

Until 2 hours — **Now**

Now — **After half an hour**

Until half an hour — **Now**
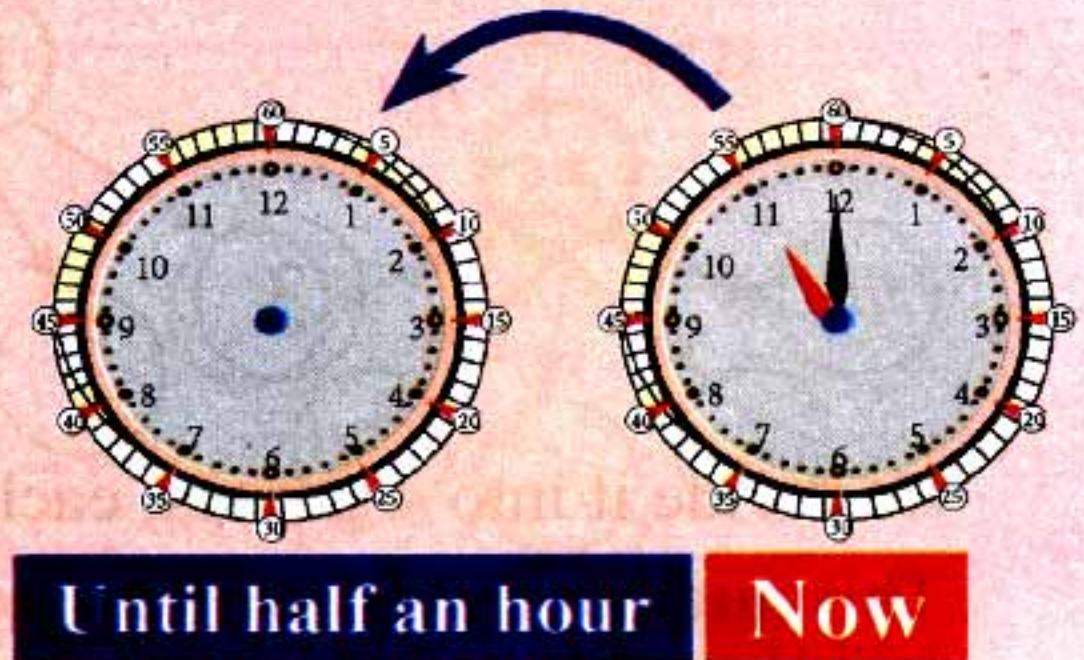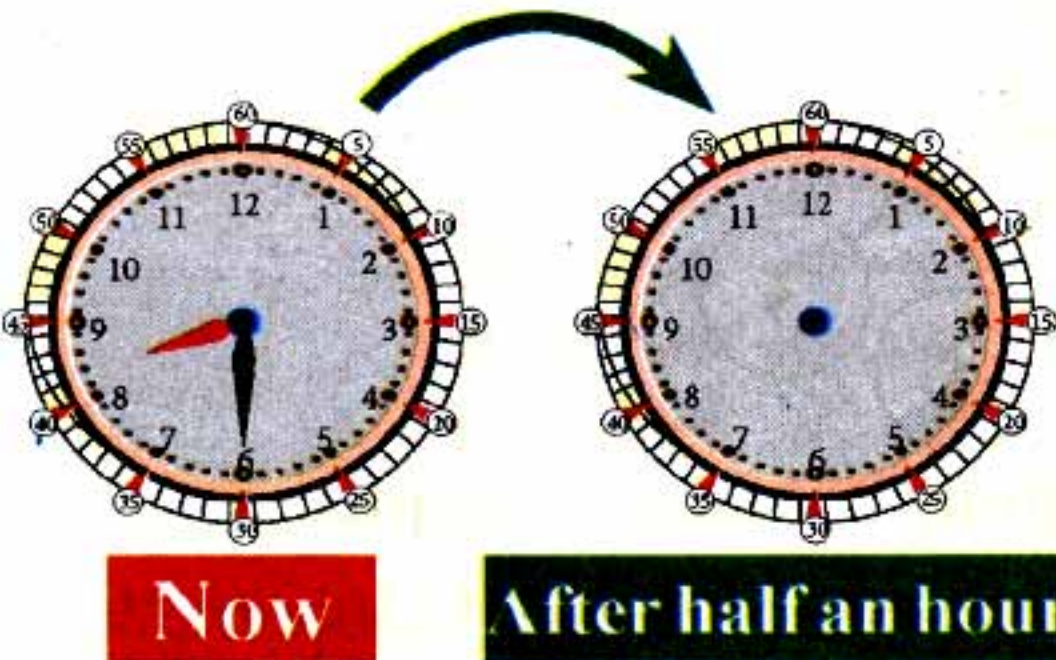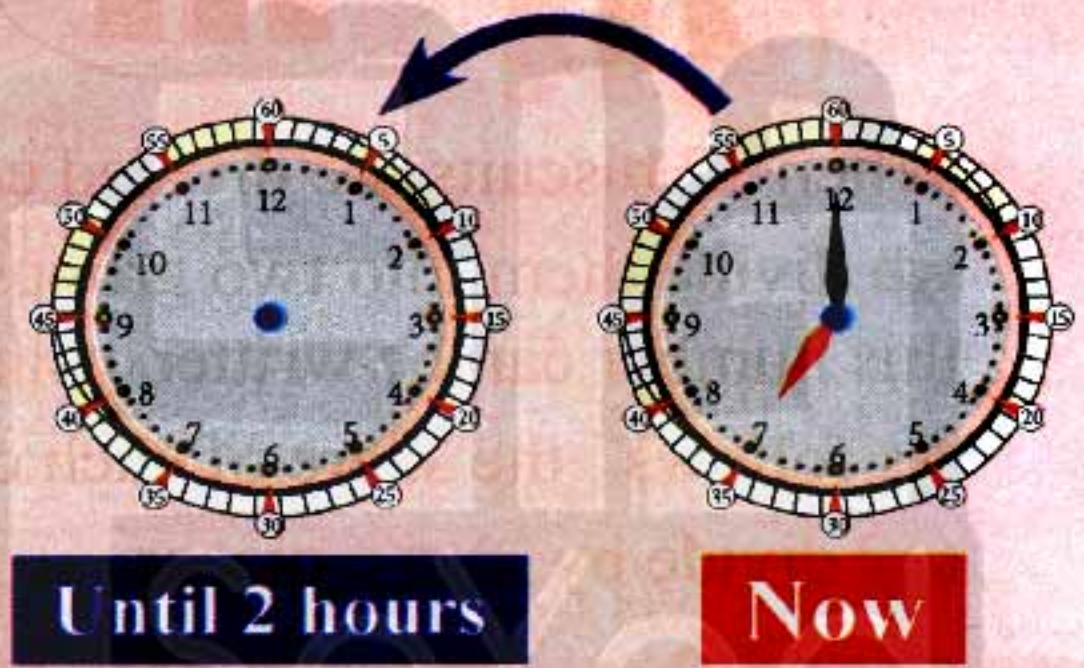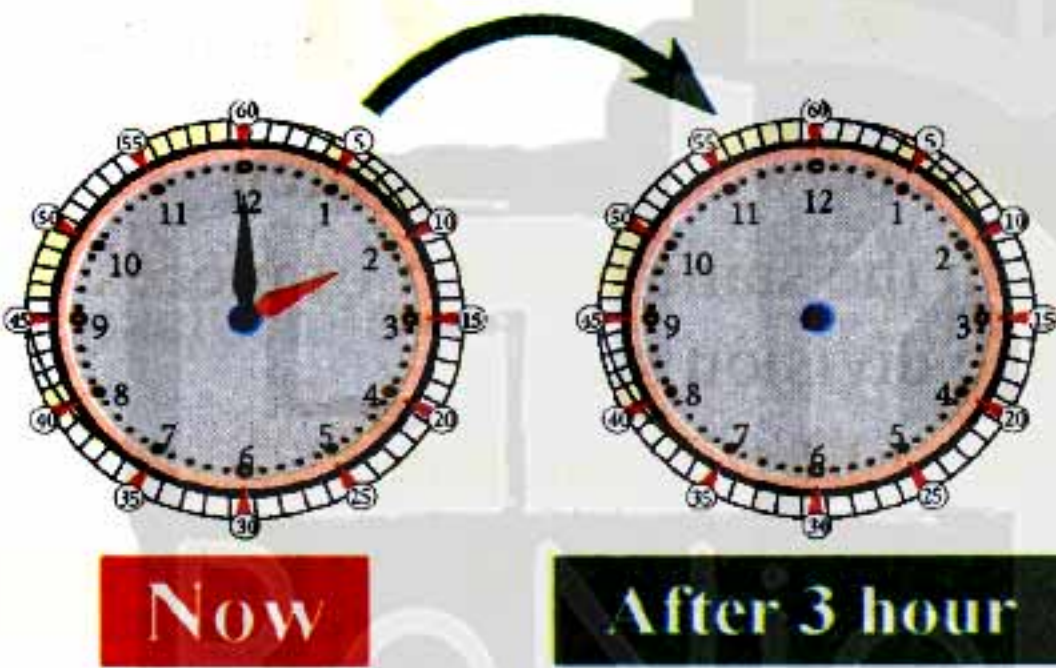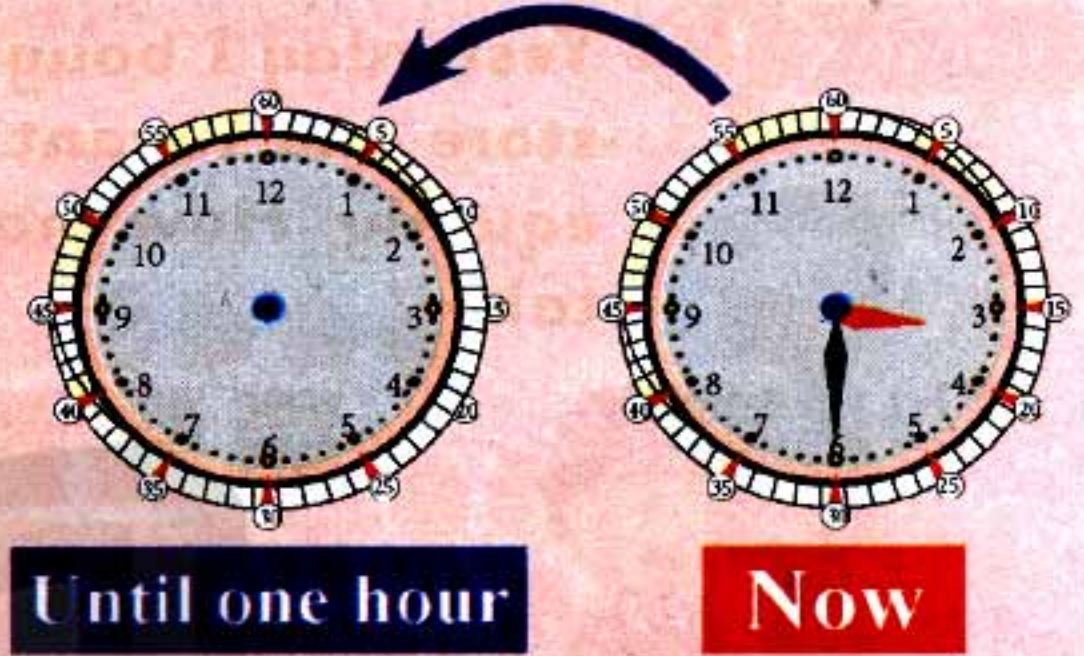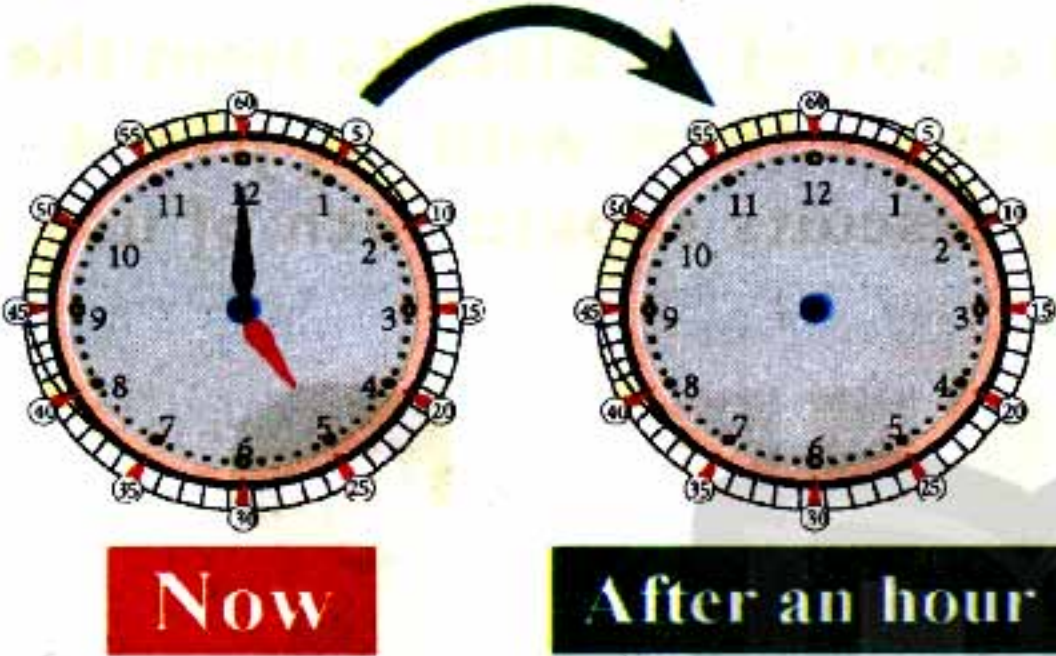
Bakkar Series

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Lesson (28 , 29)

Division

Activity 1   Yesterday I bought a box of **12** biscuits from the store and I want to share them with my friend equally. How many biscuits should each of us take **?**
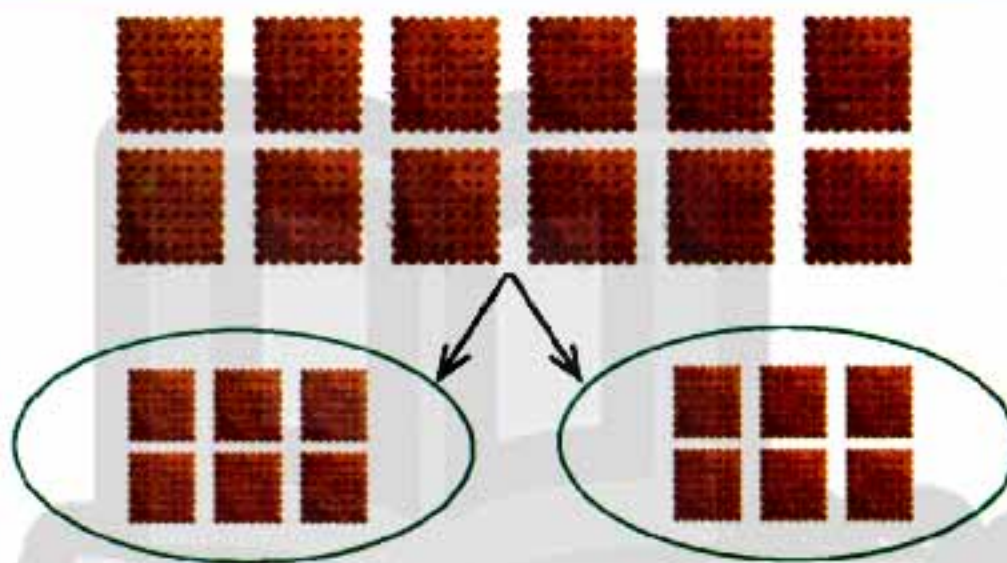
When **12** biscuits are divided equally, between two children we divide them into two groups with the same number of pieces this number can be written using the division sign (÷)

As follows : the share of each child = (**12 ÷ 2**) and reads
(**12** divide by **2**) = **6** pieces   because **2 × 6 = 12**

Activity 2   When **12** biscuits are divided equally, between **4** children :

$$12$$
$$3 \quad 3 \quad 3 \quad 3$$
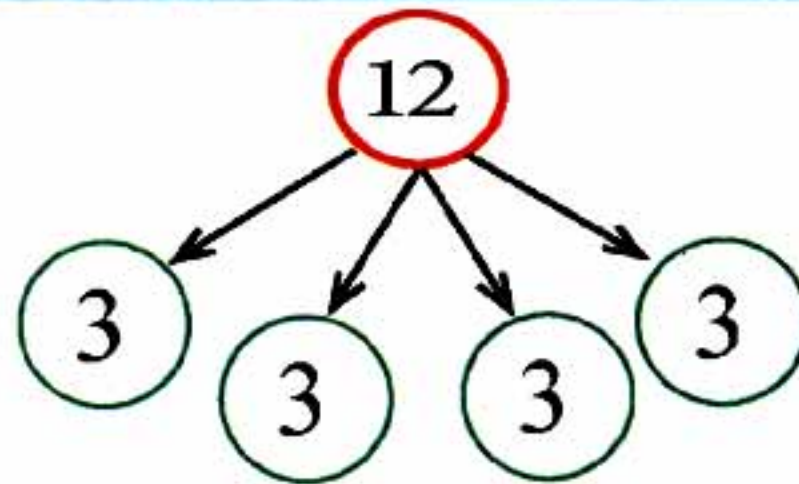
We divide it into **4** groups, each group contains .... pieces
This number can be written using the division sign (÷)
As follows: the share of each friend = (**12 ÷ 4**) and reads
(**12** divide by **4**) = **3** pieces   because **4 × 3 = 12**

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Primary ③ - Term 1

Chapter 3

Exercise 1

Two friends went to collect the fruits together, so they collected 14 fruits from a tree and then divide them equally between them. How many fruits did each of them take ?
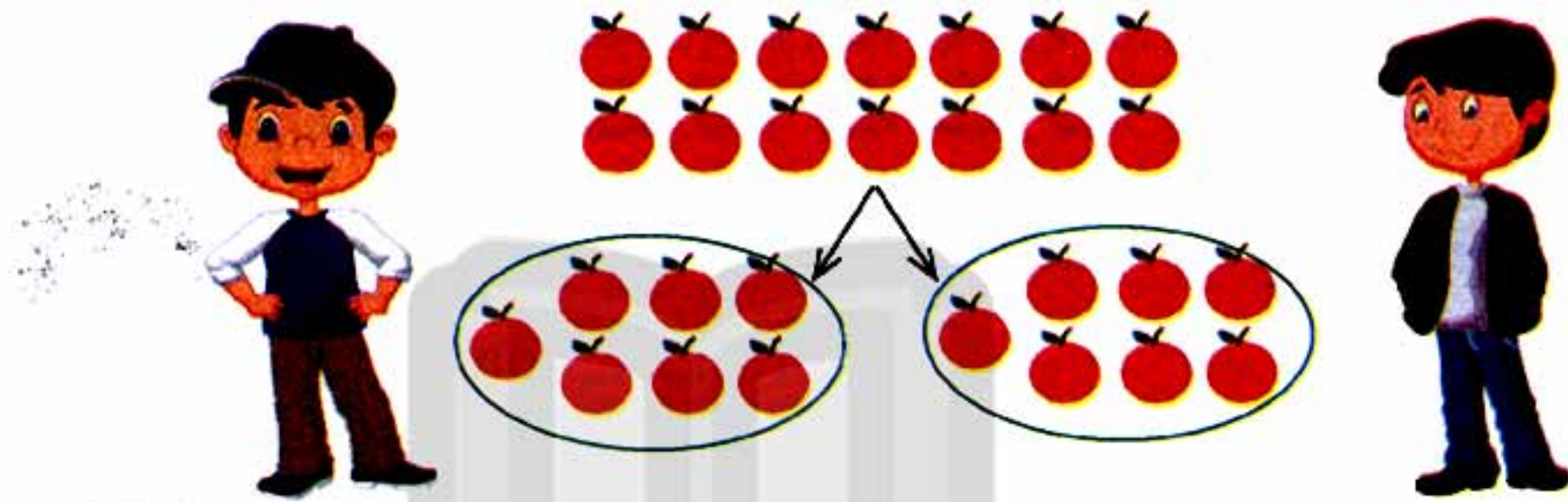
We divide it into two groups, each group containing .... fruits

This number can be written using the division sign (÷) As follows: the share of each child = (14 ÷ ....) = 7 fruits

because 2 × .... = ...

14

....
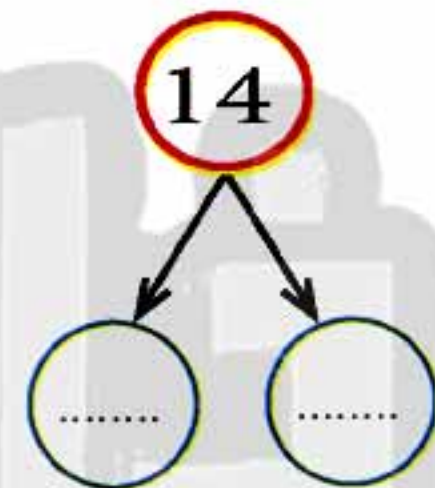
Exercise 2

Nabil has 25 candies, which he wanted to share equally between 5 of his friends without keeping any of them for themselves, how many candy bars. Which each of Nabil's friends will take?

25
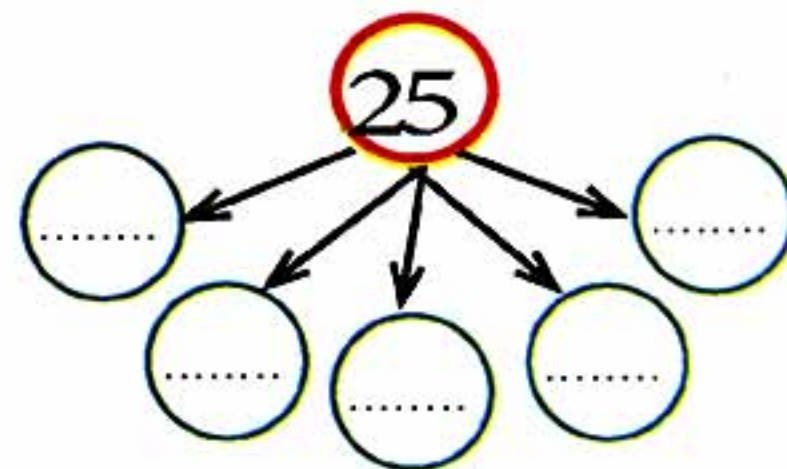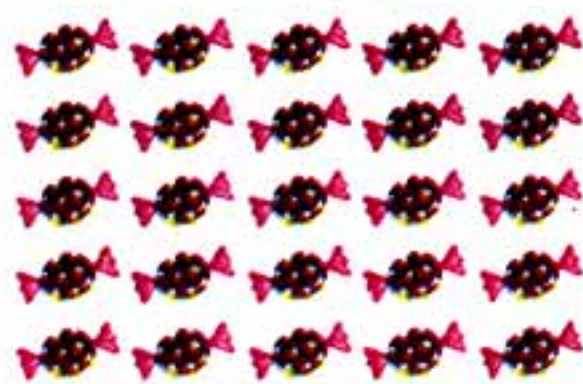
The solution

We divide it into 5 groups, each group contains ...... pieces

Share of each friend= (25 ÷ ....)

= .... pieces   because .... × .... = 25

Bakkar Series

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BAKKAR

Multiplication facts

Exercise 3

Aya baked **24** loaves of bread for **3** friends. How many loaves would a friend get if everyone got a fair share **?**

24

....
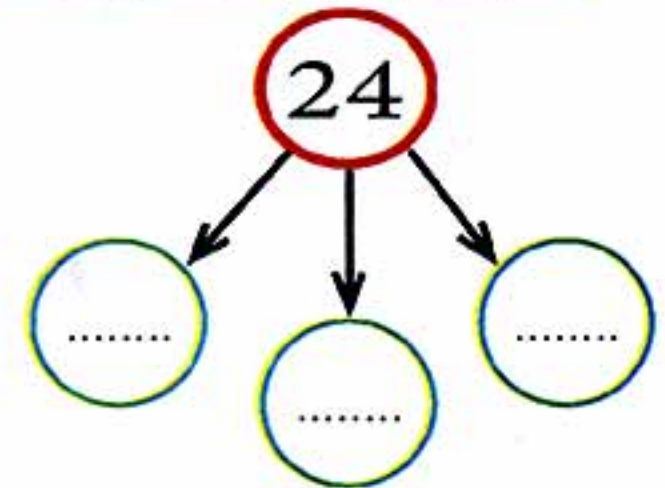
Solution   Share of each friend = (....... ÷ ....)

= .... loaves

because   .... × .... = ...

Exercise 4

There are **16** fish required to be placed in **4** aquarium, and each should contain the same number of fish. How many fish should be placed in every aquarium complete the drawing of pictures of fish in aquarium :

Solution   Number of fish in each aquarium

= (....... ÷ ....)

= .... fish

because   .... × .... = ...
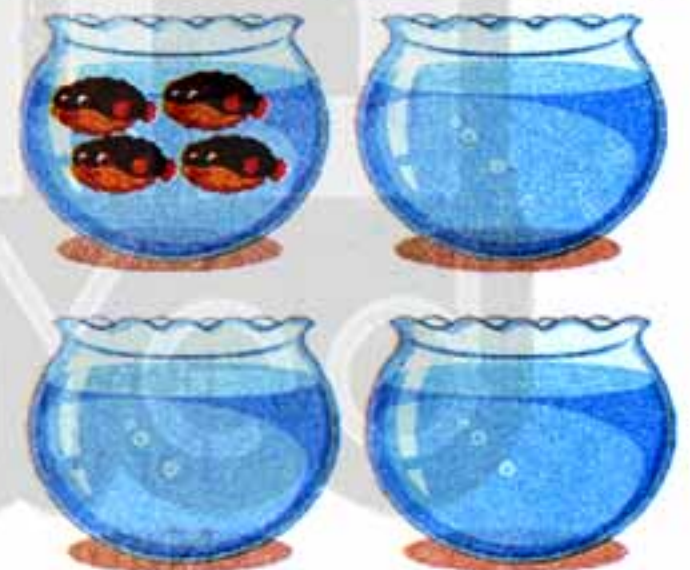
Exercise 5

Sameh is preparing gift baskets. He has **20** oranges that need to be divides equally between **5** baskets. Draw a picture in the baskets below to solve the problem :

Solution   Number of orange in each basket

= (....... ÷ ....)

= .... oranges

because   .... × .... = ...

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Primary ③ - Term 1

◢ **Chapter 3**

Exercise 6

16 balloons. Tie each two balloons together to form a group. How many groups ?

Solution

Make .... groups each group has 2 balloons

Number of groups = (16 ÷ 2) = 8 groups

because 2 × .... = 16

Exercise 7

15 pounds. Divide evenly on 5 children. How much money does a child take ?
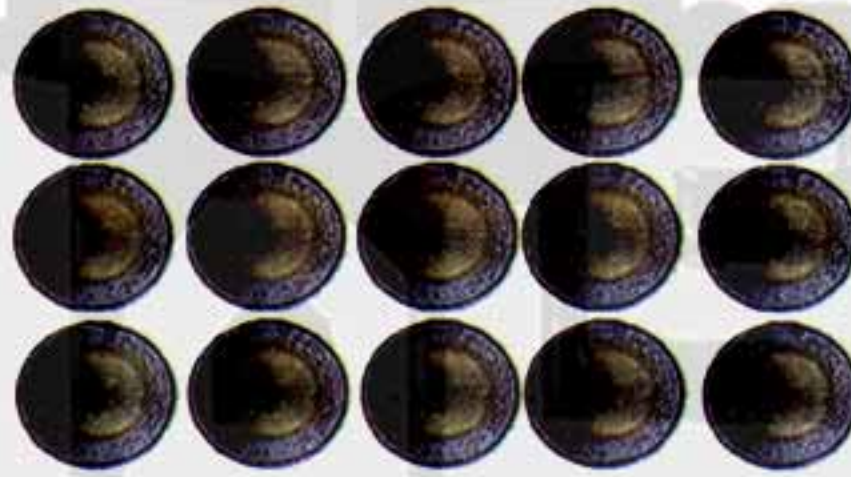
Solution

Gave the money to 5 child each one take .... pounds

Share of child = (15 ÷ ....)

= .... pounds

because .... × .... = 15

Exercise 8 Find the result of the following :

a) 63 ÷ 7 = ...

b) 35 ÷ 7 = ...

c) 48 ÷ 6 = ...

d) 24 ÷ 3 = ...

e) 6 ÷ 6 = ...

f) 18 ÷ 2 = ...

g) 32 ÷ 8 = ...

h) 21 ÷ 7 = ...

i) 15 ÷ 5 = ...

Bakkar Series

Self - check on lesson (28 , 29)

1 Put (< , > , =) :

a) $10 \div 2$ ⬚ 9

b) $8 \div 8$ ⬚ 1

c) $28 \div 7$ ⬚ 3

d) $27 \div 3$ ⬚ 10

e) $36 \div 4$ ⬚ 9

f) $24 \div 6$ ⬚ 7

g) $7 \div 1$ ⬚ 0

h) $35 \div 5$ ⬚ 5

Activities from Math Journal

2 The teacher has **36** crayons to share equally between **6** pupils. She must place the crayons in the cups blow. Draw a picture in the cups below to solve the problem :

Solution ....

3 Each cat needs **2** fish for lunch. How many cats can we feed with **12** fish ?

Solution ....

4 Each Ibis will eat **3** worms. You have **18** worms. How many Ibis can be fed ?

Solution ....

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Primary ③ - Term 1

5 Find the result :

a) $(4 + 23) \div 9 = \ldots$

b) $(35 - 5) \div 6 = \ldots$

c) $(20 + 1) \div 3 = \ldots$

d) $45 \div (3 \times 3) = \ldots$

e) $6 \div (5 + 1) = \ldots$

f) $(20 - 10) \div 5 = \ldots$

Activities from Math Journal

6 Each ox must eat 2 Grass Daily. There are 10 Grass. How many ox can be fed ?

Solution ....

7 Each crocodile wants to eat 5 fish. There are 25. How many crocodiles can be fed ?

Solution ....

8 Each fox must eat 6 insects. there are 24 insects. How many fox can be fed ?

Solution ....

Bakkar Series

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Lesson (30)
Relation between multiplication and division

Activity 1 Notice the following :

From the factors of **30**
10 and **3**

30

10   3
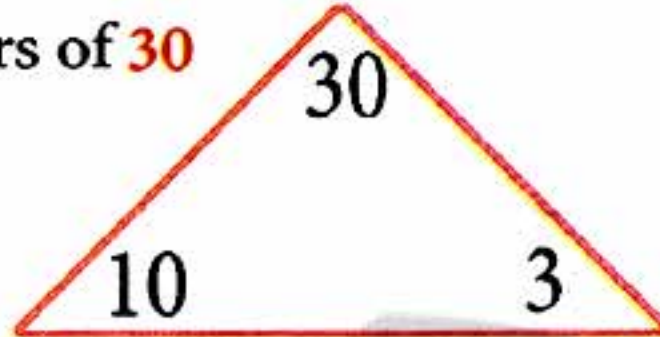
$3 \times 10 = 30$
$10 \times 3 = 30$
$30 \div 3 = 10$
$30 \div 10 = 3$

Is **30** has another factors ?

From the factors of **16**
8 and **2**

16

8   2

$2 \times \ldots = 16$
$8 \times \ldots = 16$
$16 \div \ldots = 2$
$16 \div \ldots = 8$

Exercise 1 Complete the following :

Math Journal

35

5   ⬭

$\ldots \times 5 = 35$
$\ldots \times 7 = 35$
$35 \div \ldots = 5$
$\ldots \div 5 = 7$

18

3   ⬭

$\ldots \times 6 = 18$
$\ldots \times 3 = 18$
$18 \div \ldots = 3$
$\ldots \div 3 = 6$

24

6   ⬭

$6 \times \ldots = 24$
$6 \times \ldots = 24$
$24 \div 6 = \ldots$
$24 \div \ldots = 6$

36

9   ⬭

$\ldots \times \ldots = \ldots$
$\ldots \times \ldots = \ldots$
$\ldots \div \ldots = \ldots$
$\ldots \div \ldots = \ldots$

21

7   ⬭

$\ldots \times \ldots = \ldots$
$\ldots \times \ldots = \ldots$
$\ldots \div \ldots = \ldots$
$\ldots \div \ldots = \ldots$

28

4   ⬭

$\ldots \times \ldots = \ldots$
$\ldots \times \ldots = \ldots$
$\ldots \div \ldots = \ldots$
$\ldots \div \ldots = \ldots$

الصف الثالث الابتدائى   موقع ذاكرولى التعليمى   كتاب بكار
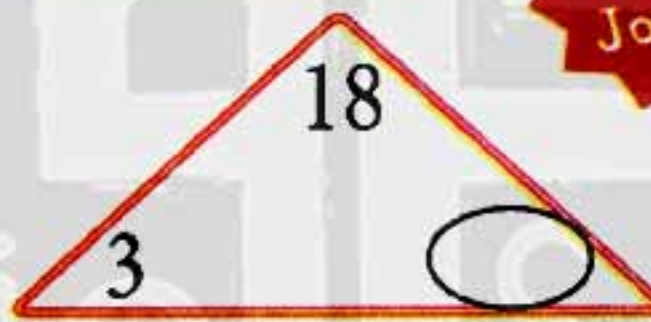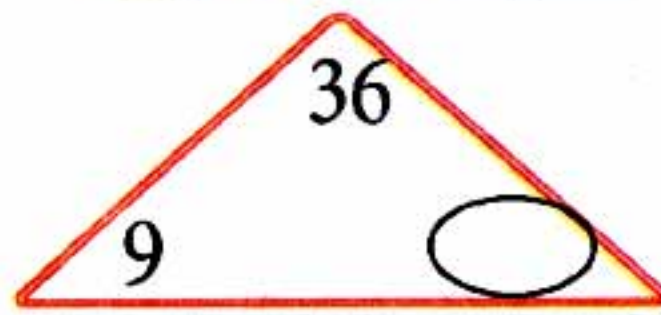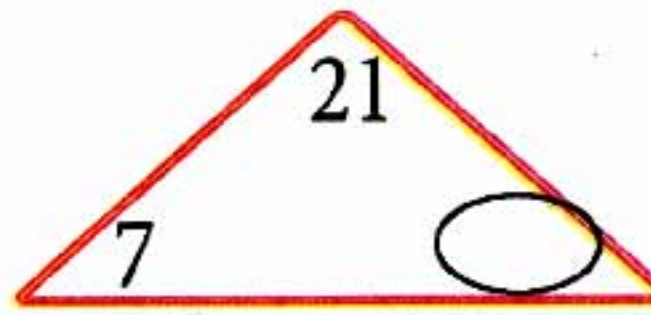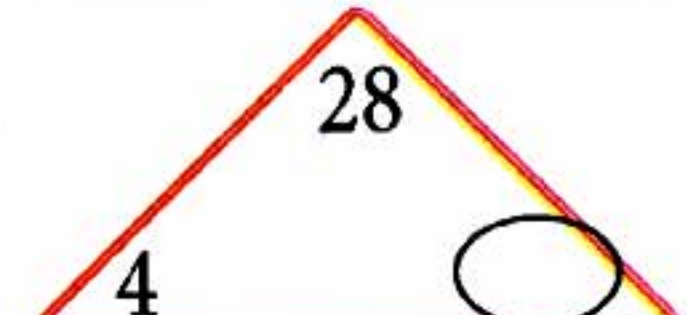
Chapter 3

Exercise 2 — Complete the following :
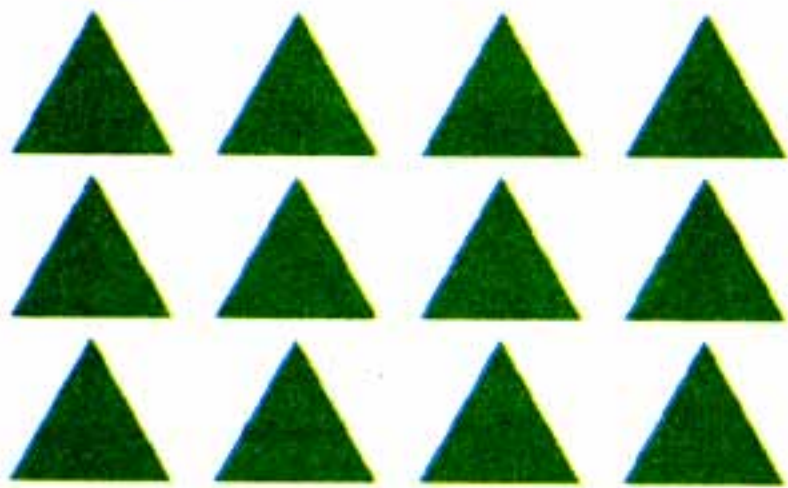
$3 \times 4 = \dots$

$4 \times 3 = \dots$

$12 \div \dots = \dots$

$12 \div \dots = \dots$
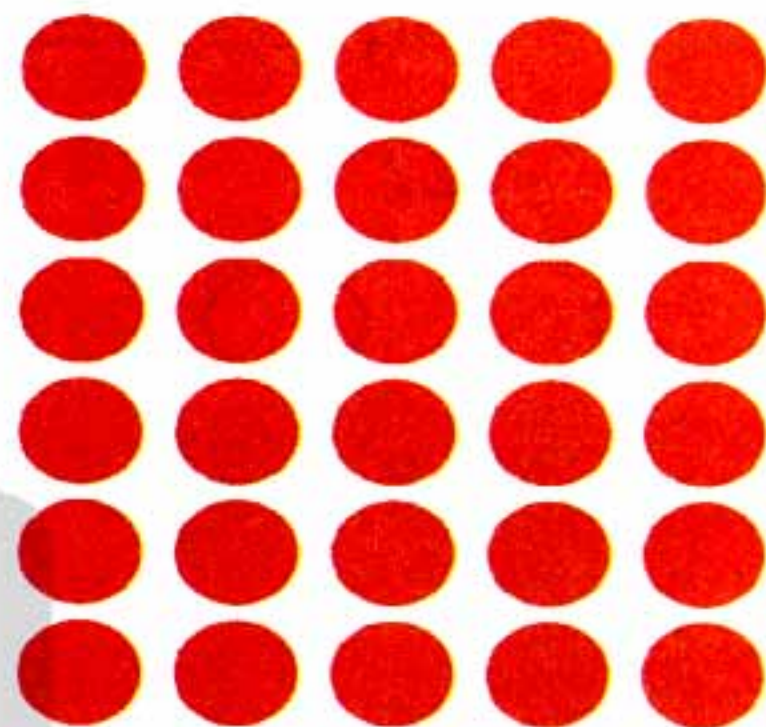
$6 \times \dots = 30$

$5 \times \dots = 30$

$30 \div \dots = 5$

$30 \div \dots = \dots$
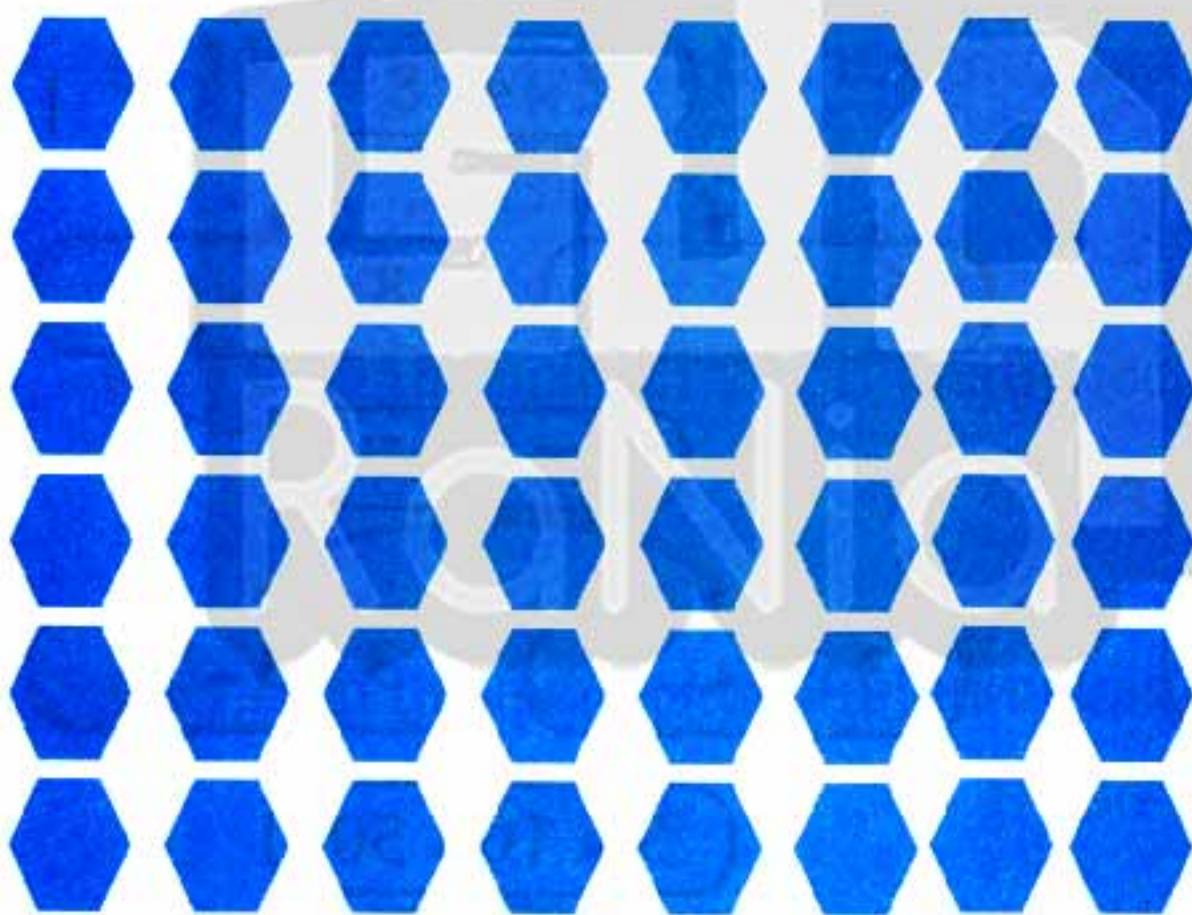
$6 \times \dots = \dots$

$\dots \times \dots = 48$

$48 \div 6 = \dots$

$48 \div \dots = 6$
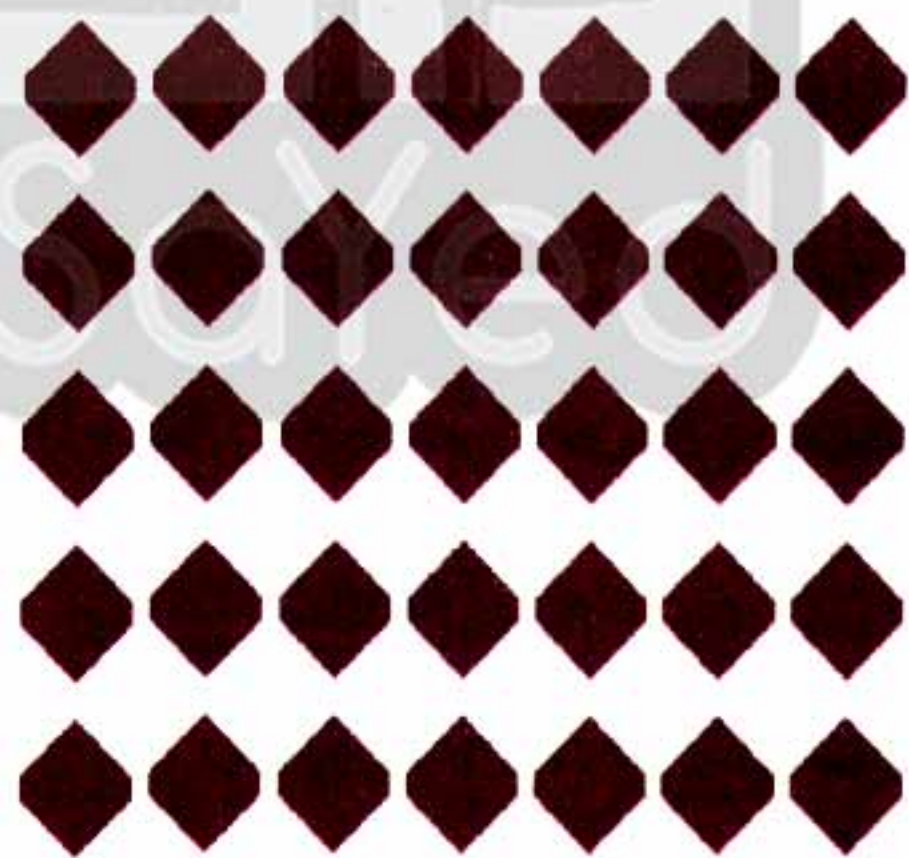
$5 \times \dots = \dots$

$7 \times \dots = \dots$

$\dots \div \dots = \dots$

$\dots \div 5 = \dots$

Bakkar Series

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Self – check on lesson (30)

1 Complete the following :

27
9 ( )

( ) 9 4

35
5 ( )
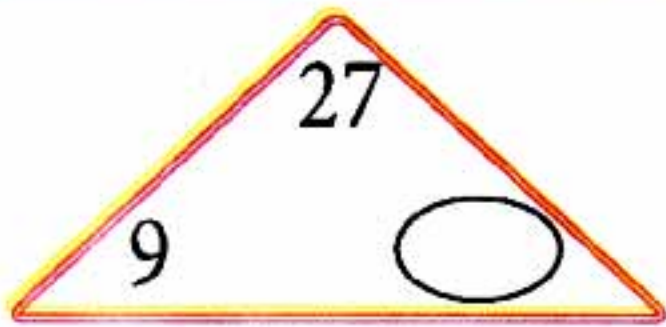
..... × 9 = 27
..... × ..... = ...
..... ÷ ..... = ...
27 ÷ ..... = ...
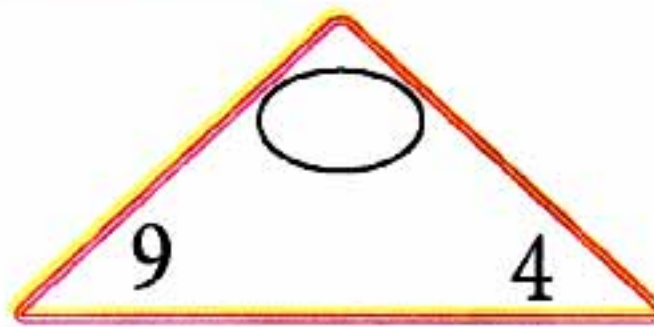
4 × 9 = ...
..... × ..... = ...
..... ÷ ..... = ...
36 ÷ ..... = ...
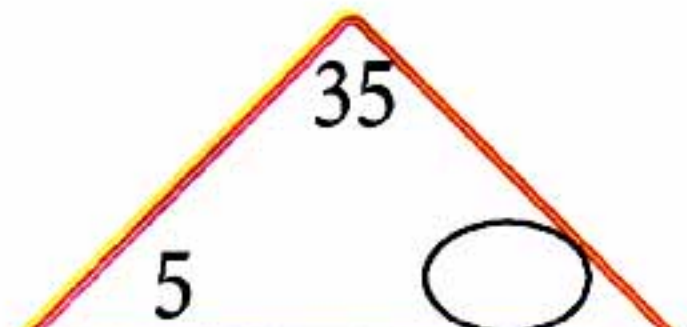
..... × ..... = 35
..... × ..... = ...
35 ÷ ..... = ...
35 ÷ ..... = ...

2 Complete as the example :

$5 \times 6 = 30$

$30 \div 5 = 6$ $30 \div 6 = 5$

$2 \times 4 = 8$

$8 \div 4 = ...$ $8 \div 2 = ...$

$6 \times 7 = 42$

$42 \div 7 = ...$ $42 \div 6 = ...$

$3 \times 1 = 3$

$3 \div 1 = ...$ $3 \div 3 = ...$

$2 \times 5 = 10$

$10 \div 5 = ...$ $10 \div 2 = ...$

$5 \times 10 = 50$

$50 \div 10 = ...$ $50 \div 5 = ...$

$4 \times 6 = 24$

$24 \div 6 = ...$ $24 \div 4 = ...$

$7 \times 8 = 56$

$56 \div 8 = ...$ $56 \div 7 = ...$

Primary ③ - Term 1

الصف الثالث الابتدائى | موقع ذاكرولى التعليمى | كتاب بكار

3 Write the equation of multiplication and division :

...... × ...... = ... × ...... = ...

...... × ...... = ... × ...... = ...

...... ÷ ...... = ... ÷ ...... = ...

...... ÷ ...... = ... ÷ ...... = ...
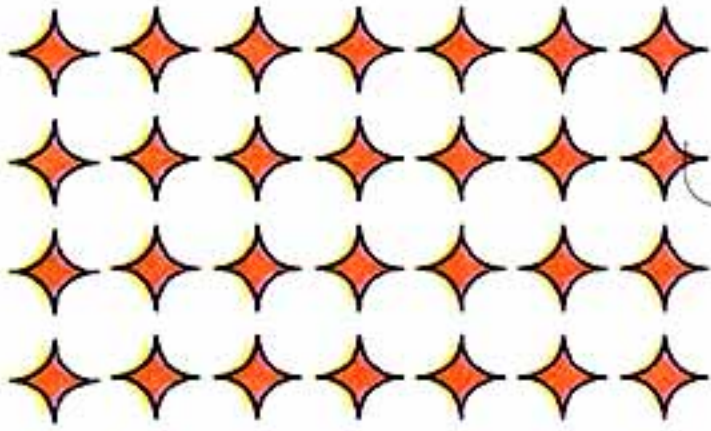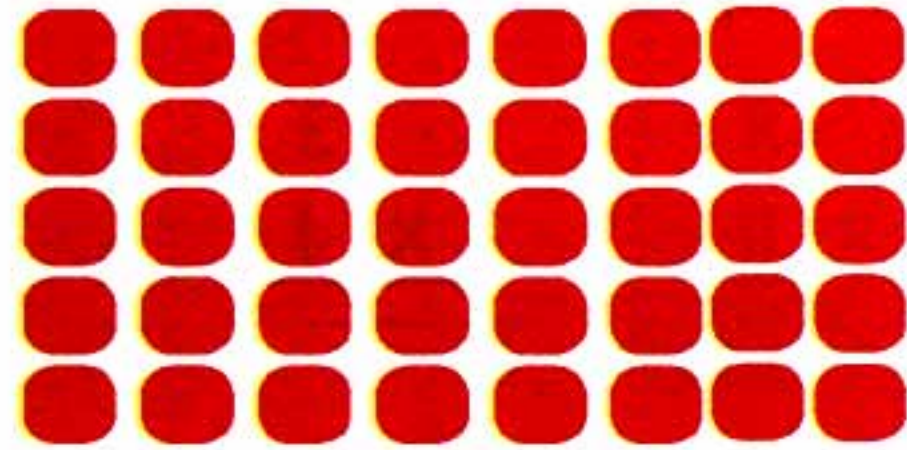
4 Answer the following :

a Find the number that if multiplied by (8) get (40), then deduce the division.

Solution   .... × 8 = ...   then :   40 ÷ 8 = ...

b Find the number that if multiplied by (7) get (28), then deduce the division.

Solution   .... × 7 = 28   then :   28 ÷ 7 = ...

c Find the number that if multiplied by (4) get (36), then deduce the division.

Solution   .... × 4 = 36   then :   36 ÷ 4 = ...

d Find the number that if multiplied by (6) get (30), then deduce the division.

Solution   .... × 6 = 30   then :   30 ÷ 6 = ...

e Find the number that if multiplied by (1) get (7), then deduce the division.

Solution   .... × 1 = 7   then :   7 ÷ 1 = ...

Bakkar Series

Self - check **1**   Chapters 2

1 Complete :

8	3	1	4	5
× 0	× 4	× 7	× 6	× 8
....	....	....	....	....

2 Hind packed 4 whole boxes with honey jars.
Each box has 6 jars, so what is the total number of jars?

Solution Number of jars =   4   × .....   = ... jars

3 Complete the following :

a   The factors of (6) are ...... , ..., ..., ...

b $63 \div 9 =$ .....

c $5 \times 7 =$ ....

d   Repeated addition ....
Multiplication ....

4 Write the time shown in each watch :

.... : .... : .... : ....

الصف الثالث الابتدائى   موقع ذاكرولى التعليمى   كتاب بكار
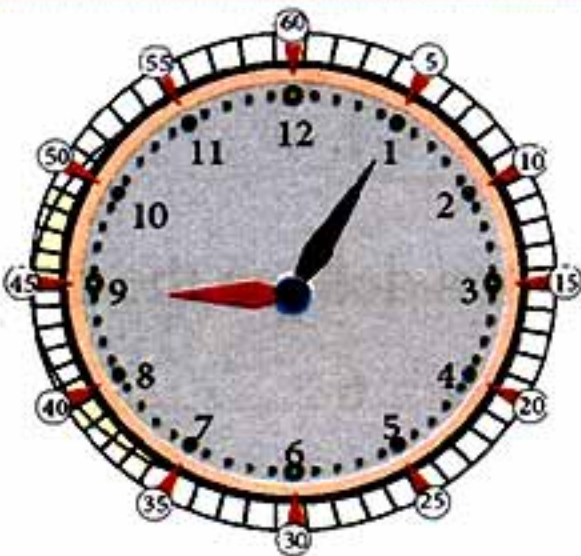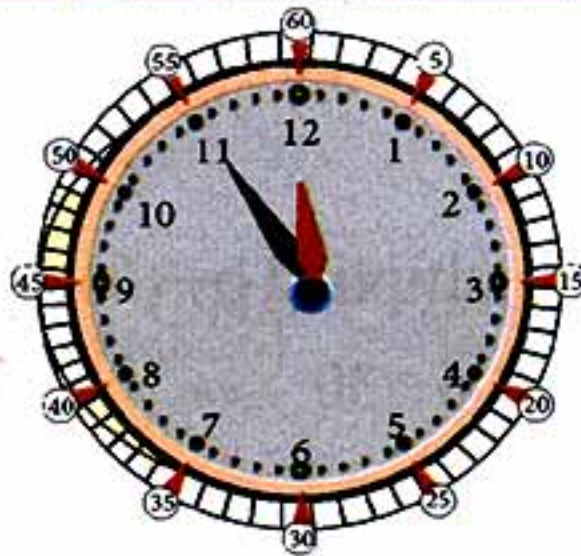
Self - check 2 · Chapter 1, 2, 3

1 Complete :

$$8 \times 5 \quad ......$$

$$3 \times 9 \quad ......$$

$$8 \times 10 \quad ......$$

$$7 \times 1 \quad ......$$

$$5 \times 3 \quad ......$$

2 Choose the correct answer :

a) The value of 5 in 957 000 is ...... (50 000 , 5000 , 5)

b) 971 384 = 384 + ... + 70000 + 900 000 (1 , 100 , 1000)

c) The greatest number formed from (0 , 5 , 3 , 1) is .... (135 , 1 035 , 5 310)

d) 34 Thousand = ... (3 400 , 34 000 , 34)

e) The place value of (8) in 328 910 is ..... (ones , hundreds, thousands)

3 If a family consumes 10 bottles of water per day .
How many bottles do the family consume in 7 days?

Solution The number of bottles = ... × .... = ... bottles

4 Arrange the following in an ascending order :

a) 456 100 , 100 456 , 654 100 , 500 641 , 561 400

The order : ....

b) 5 m , 7 m , 200 cm , 800 cm

The order : ....

Bakkar Series

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Chapter 4

The polygons (2 D shapes)

Key Vocabulary

English	Arabic		English	Arabic
Area	المساحة		Parallel	متواز
Beyond knowledge	ما وراء المعرفة		Parallelogram	متوازى أضلاع
Closed shape	شكل مغلق		Polygon	مضلع
Cube	مكعب		Property	الخاصية
Dimensions	الأبعاد		Quadrilateral	شكل رباعي
Distribution property	خاصية التوزيع		Review vocabulary when needed	مراجعة المفردات عند الحاجة
Head	رأس		Rhombus	معين
Heads	رؤوس		Square unit	وحدة مربعة
Hexagon	سداسى الأضلاع		Trapezium	شبه منحرف
Octagon	ثمانى أضلاع			

Content

- Bakkar Self-Check On each Chapter
- Bakkar Self-Check On each lesson
- Exercise insipred by Math Jornal
- Exercise inspired by Discover Book

Lesson (31 , 32 , 33)

The polygons (2 D shapes)

Activity 1 Find the missing factor by rolling the die :

	The missing factor	The product
1 × .... = ...	(5) for example	1 × 5 = 5
2 × .... = ...	....	....
3 × .... = ...	....	....
4 × .... = ...	....	....
5 × .... = ...	....	....
6 × .... = ...	....	....
7 × .... = ...	....	....
8 × .... = ...	....	....
9 × .... = ...	....	....
10 × .... = ...	....	....
11 × .... = ...	....	....
12 × .... = ...	....	....

Use one of the following strategies:

(Repeated Addition - skip count - array) to find the product of multiplication

Activity 2 Remember :

Triangle	Square	Rectangle	Trapezium	Rhombus

Circle	Hexagon	Octagon	Cuboid	Cylinder

Bakkar Series

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BAKKAR

The polygons

Activity 3 **Remember :**

Polygons :
Is simple closed broken line formed from **3** line segment or more
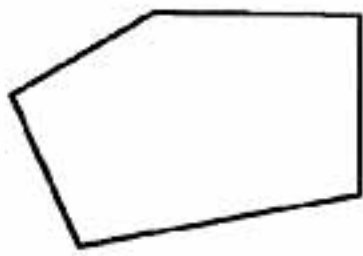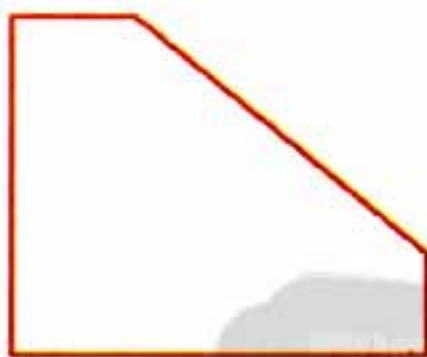
Polygon   Polygon   Not polygon   Not polygon

The Vertex :
Is the point of intersection of two adjacent sides

Vertex   Side   Vertex
Side   Side
Vertex
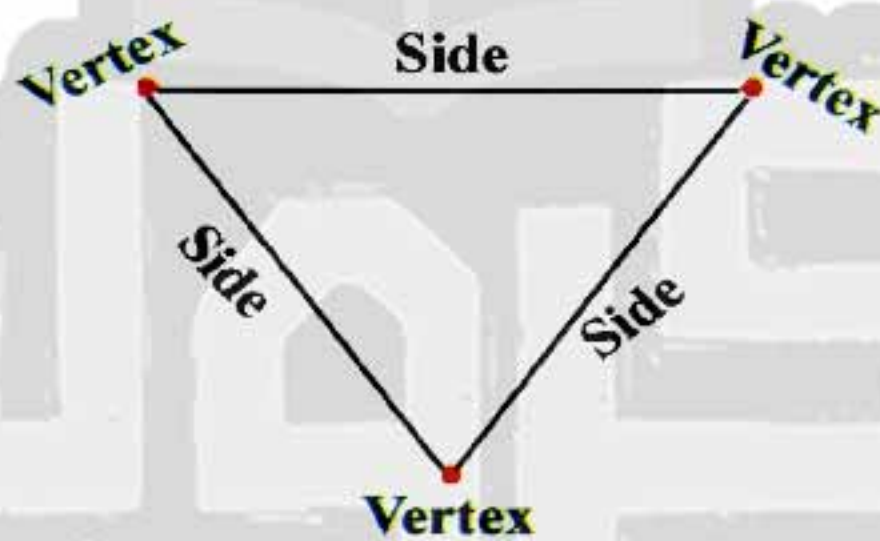
Notice : The name of a polygon is related to the number of its sides,
For example : a polygon with **3** sides is called triangle
a polygon with **4** sides is called "Quadrilateral ," and so on

Octagon   **Hexagon**   **Pentagon**

Notice :

In any polygon
Number of sides = number of angle = number of vertices

The circle
isn't a polygon because it hasn't line segments

Primary 3 - Term 1

Chapter 4

Activity 4 **Parallel lines :** **are** the lines that do not meet no matter how long they stretch
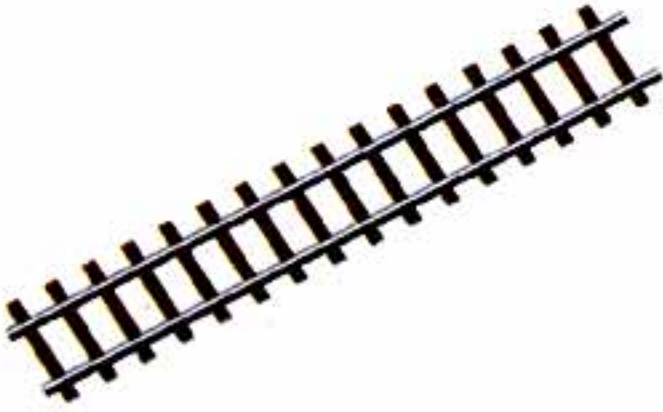
Two railroad tracks
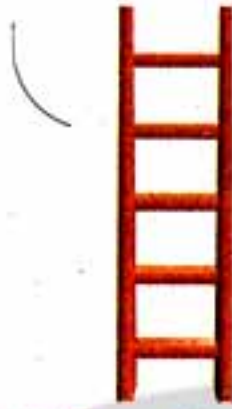
Wood stairs

Ruler edges

Activity 5 **Trapezium :** is a quadrilateral has only two parallel lines

Exercise 1 Colour the trapeziums :
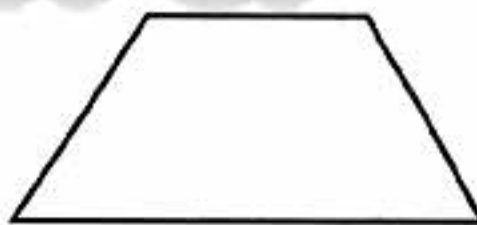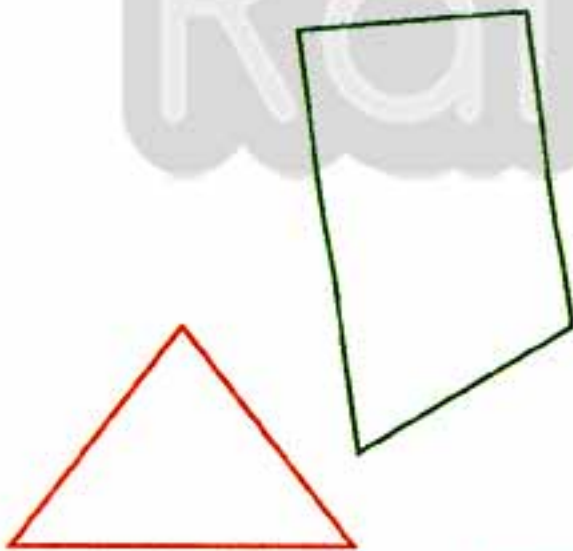
Bakkar Series

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BAKKAR

The polygons

Activity 6 **Parallelogram :** is a quadrilateral has each two opposite sides are parallel

Parallelogram   **Parallelogram**   **Parallelogram**

Exercise 2 | Complete the following table :

Figure	Name	The property			
		The property of Sides	**No. sides**	**The property of angles**	**No. vertices**
	....	**Equal in length**	....	**Equal**	....
	....	**2 short and 2 long**	....	....	....
	....	**2 parallel & 2 not parallel**	....	**Not Equal**	....
	....	**Equal in length**	....	....	....
	....	**Each 2 opposite sides are parallel & equal**	....	....	....

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Primary 3 - Term 1

Exercise 3 Draw each shape in its suitable place in Venn diagram :

Square

Rectangle
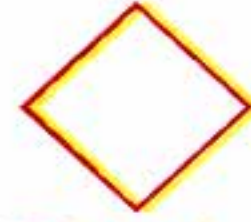
Rhombus

Shapes with equal sides

Shapes with equal angles
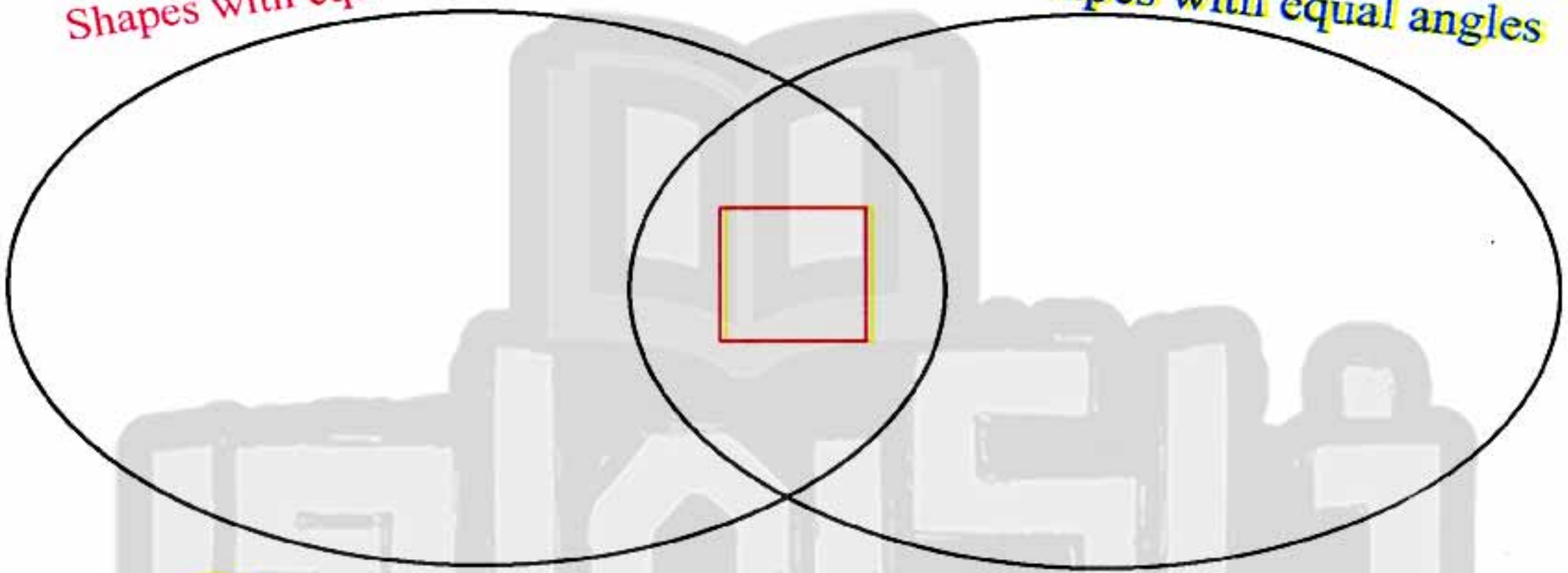
Exercise 4 Colour the relation between the shape's name and its sides in the bar graph as **EX** :

Number of sides

6
5
4
3
2
1
0

Rectangle   Triangle   Trapezium   Pentagon

The name
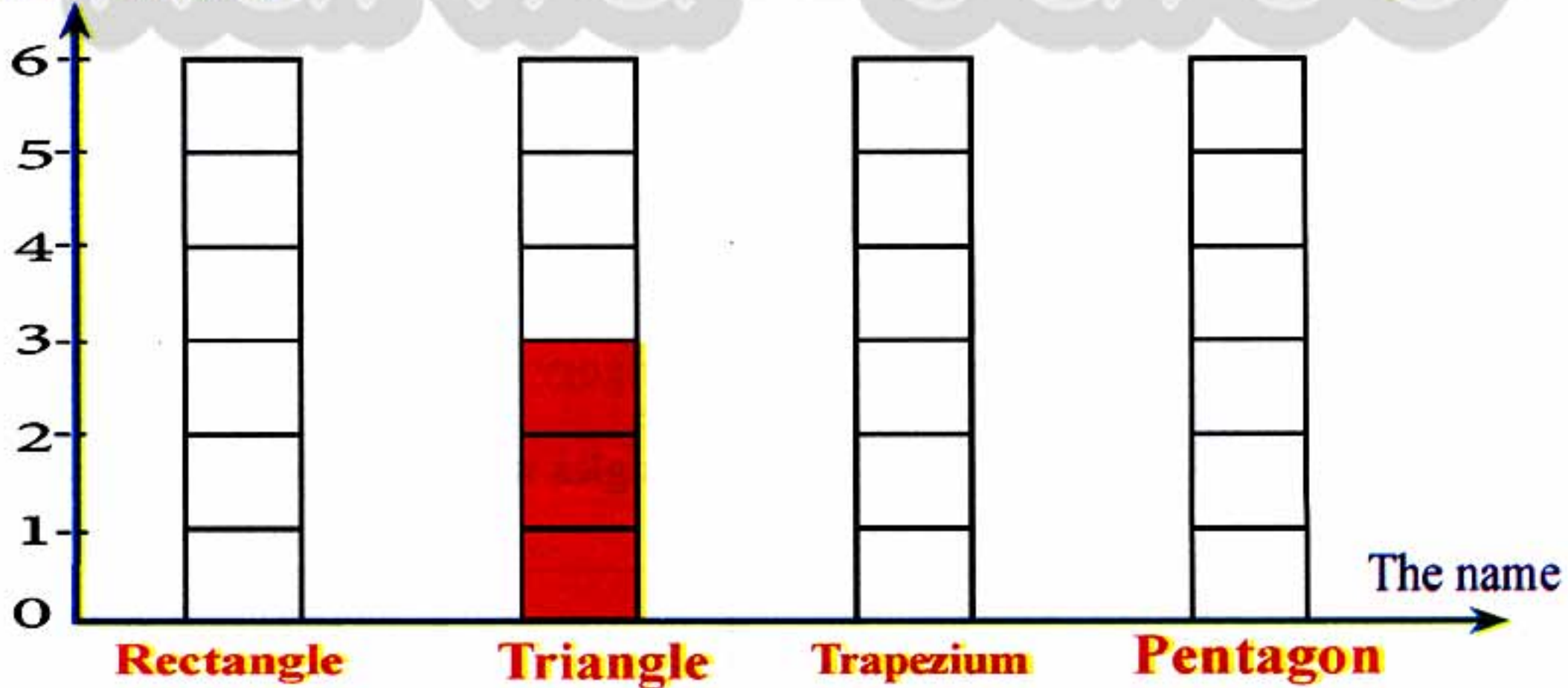
Bakkar Series

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BAKKAR

The polygons

Exercise 5 Draw some polygons as **Ex** :

Math Journal

Category title : with **4** vertices	Category title : **3** sides
□ Square ▭ Rectangle	
Category title : More than **4** sides	Category title : **Not** polygons
Category title : curve	Category title : All sides are equal in length
Category title : each two opposite side are parallel	Category title : All sides are not equal in length
Category title : with **3** vertices	Category title : 4 angles with equal measure

Self – check on lesson (31 , 32 , 33)

1 Put (√) inside each polygons :
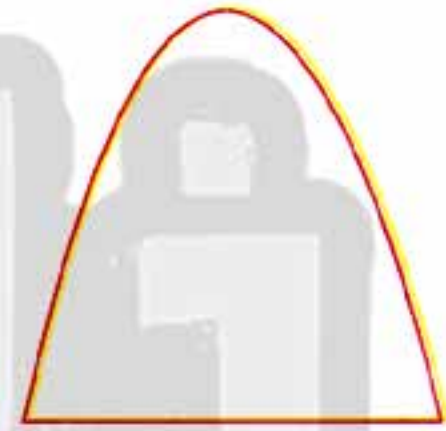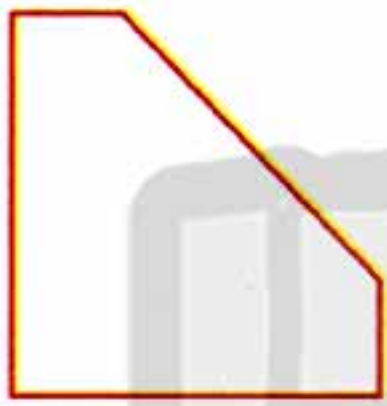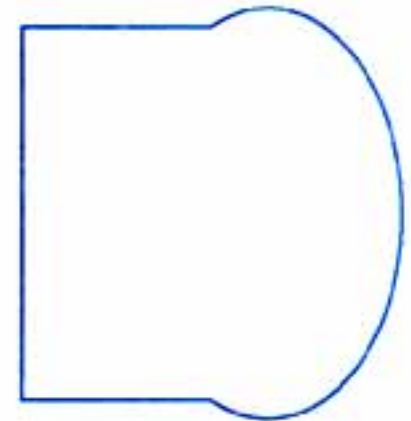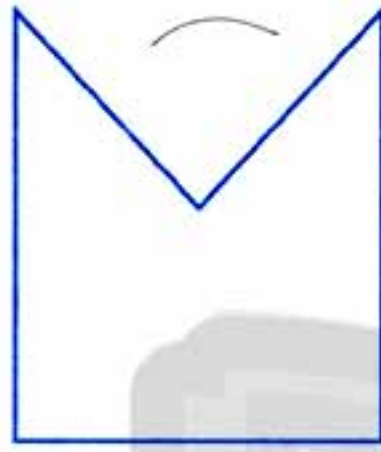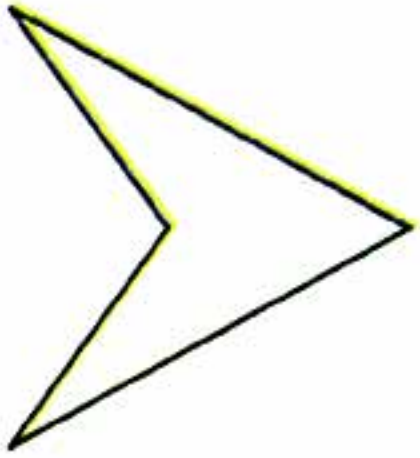
2 Look , discover then complete the table :
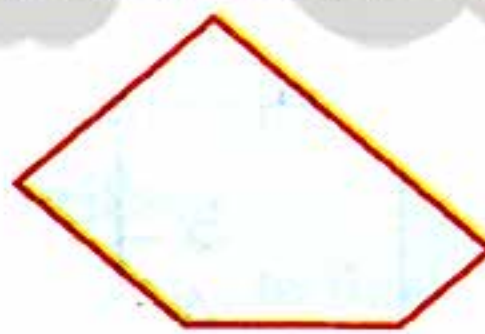
Figure 1   Figure 2   Figure 3

The figure	Figure 1	Figure 2	Figure 3
No. Sides	....	....	....
No. Vertices	....	....	....

Bakkar Series

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BAKKAR

The polygons

3 Write the number of sides in each figure :

....

....

....

....

....

....

....

....

....
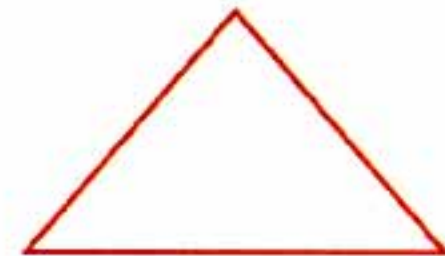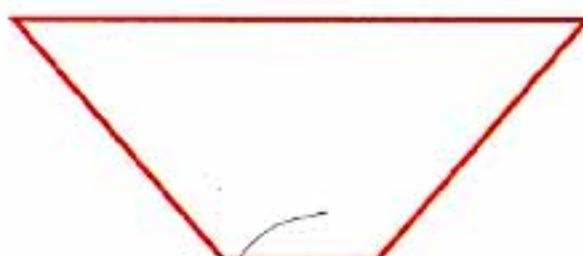
4 Complete the table and the bar graph :

The number

The shape	The number
●	......
▲	......
▮	......

5
4
3
2
1
0

The shape

Primary ③ - Term 1

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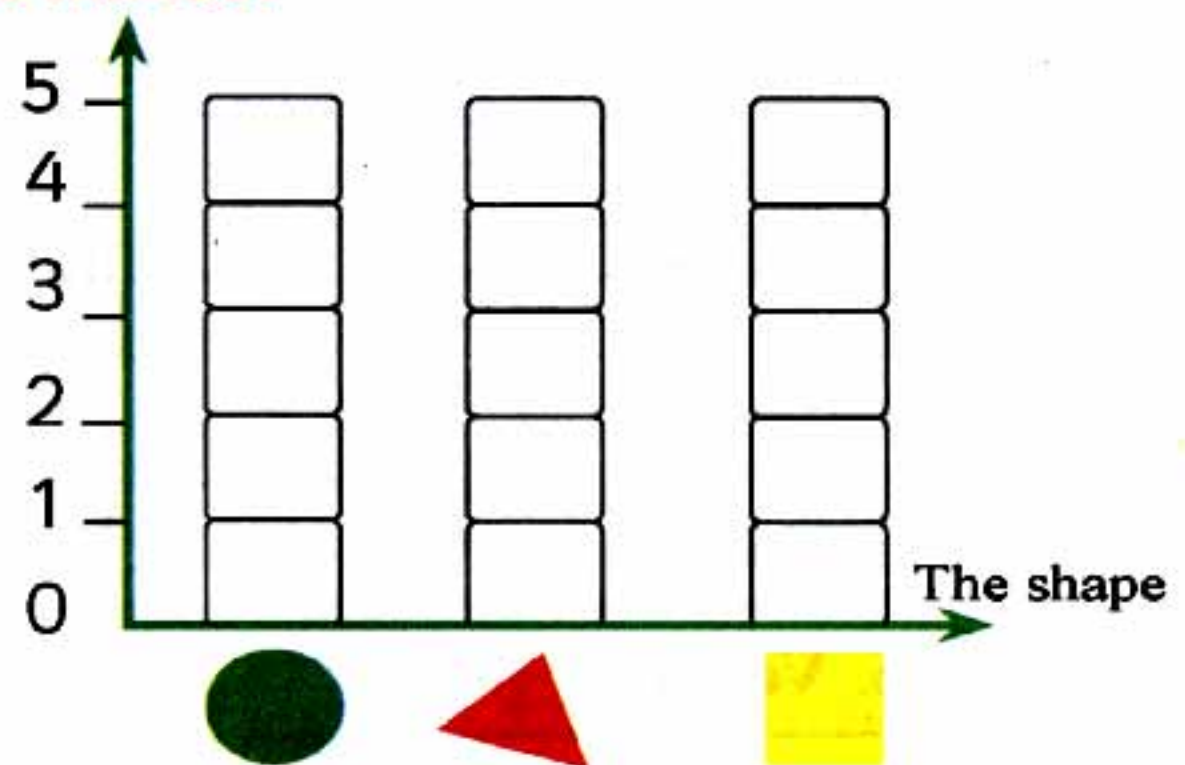
Lesson (34 , 35)

The area of rectangle

Activity 1 Find the missing factor by choose a number card :

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |

The problem	The missing factor	The product
1 × .... = ...	(6) for example	1 × 6 = 6
2 × .... = ...	....	....
3 × .... = ...	....	....
4 × .... = ...	....	....
5 × .... = ...	....	....
6 × .... = ...	....	....
7 × .... = ...	....	....
8 × .... = ...	....	....
9 × .... = ...	....	....
10 × .... = ...	....	....
11 × .... = ...	....	....
12 × .... = ...	....	....

Use one of the following strategies:

(Repeated Addition - skip count - array) to find the product of multiplication

Activity 2 Notice the number of units :

1 Unit   2 Units   3 Units

Bakkar Series

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BAKKAR

The polygons

Activity **3** **Using the small squares to form array :**

- Number of rows = 3

- Number of columns = 6
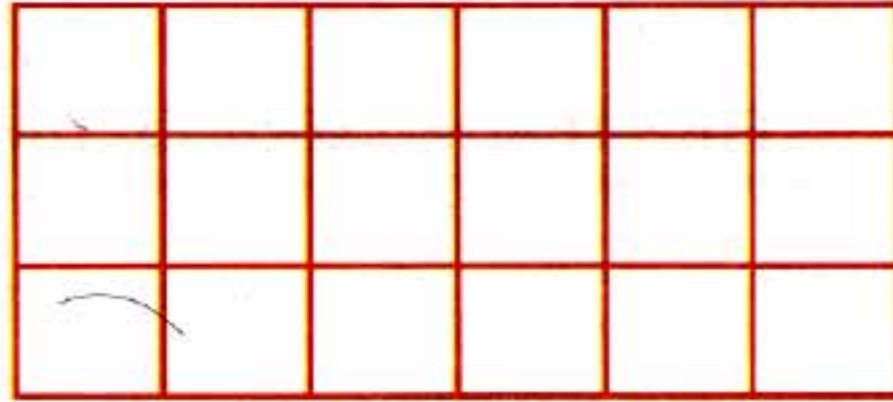
The number of these squares is called (area),

each small square is called (square unit).

So : the area of the rectangle = 3 x 6 = 18 square units.

The area : is the number of square units inside the polygon .

Activity **4** **Answer the following :**

Sarah wants to create a garden to plant (15) pumpkins, and each pumpkin needs an area of square unit . What should she do?

The solution :

A rectangular garden is established with
3 rows in each row 5 columns are as follows
then you put a plant in each square unit

- Number of pumpkin plants = No. rows × No. columns

= 3 × 5 = 15 plants

Rule

Area of rectangle = No. Of rows × No. Of columns

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Primary **3** - **Term 1**

Chapter 4

Exercise **1**   Answer the following :

Nadia wants to grow zucchini. Each zucchini needs one square unit . And you want to make the garden **3** rows , and in each row **4** square units. How many zucchini plants can be grown in a Nadia garden? What is the area of her garden in square units?

The solution :

A rectangular garden shall be established with

…… rows in each row ……. columns are as follows

then put zucchini in each square unit.

- Number of zucchini plants = **No. rows** × **No. columns**

$$= \ldots \times \ldots = \ldots \text{ Plants}$$

Exercise **2**   Answer the following :

Omar wants to grow corn . A single corn plant requires an area of one square unit . He wants to make the garden **3** rows, and in each row **7** square units. How many corn plants can be grown in Omar garden?

What is the area of his garden in square units?

The solution :

A rectangular garden shall be established with

…… rows in each row ……. columns are as follows

then put the corn seed in each square unit.

- Number of corn plants = **No. rows** × **No. columns**

$$= \ldots \times \ldots = \ldots \text{ plants}$$

Bakkar Series

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BAKKAR

The polygons

Exercise 3   Find the area of the following garden :
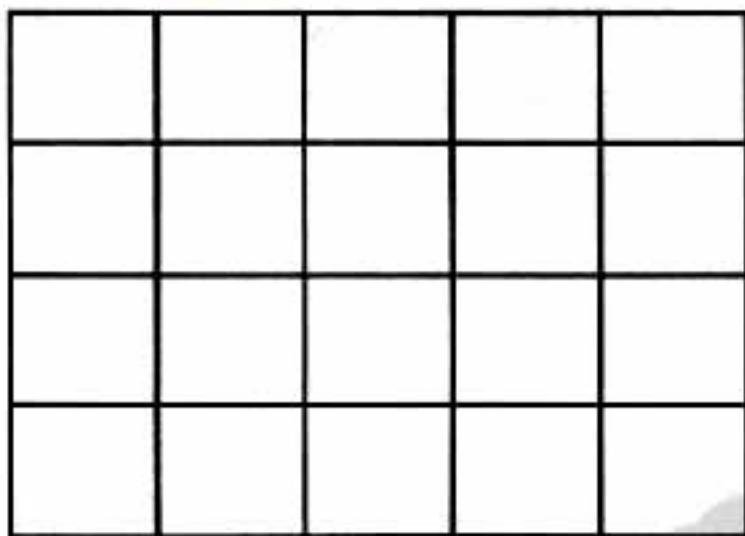
The area = ... Square unit
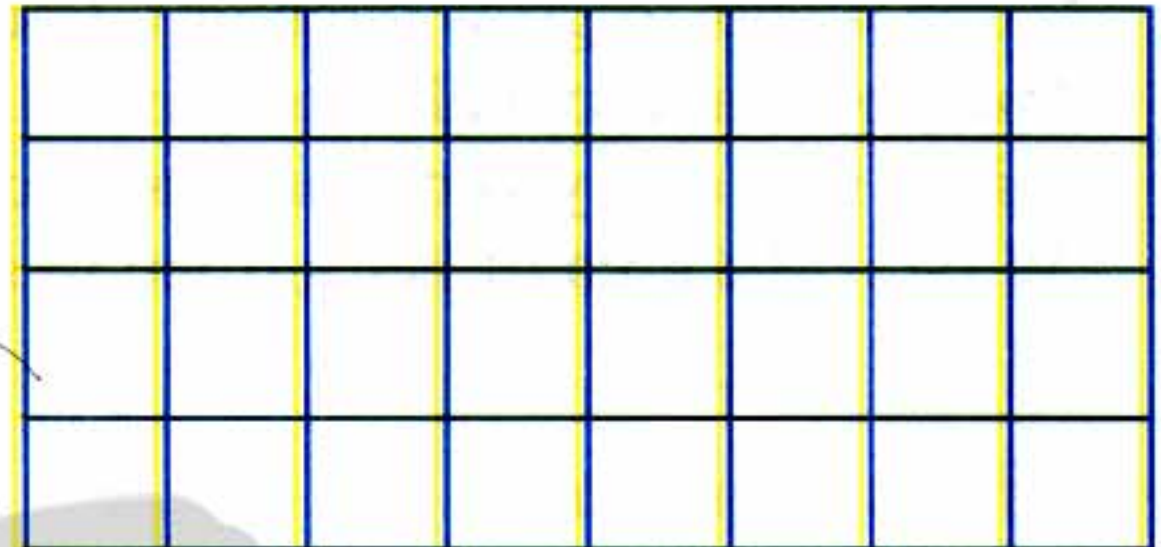
The area = ... Square unit

The area of not rectangular garden

Activity 5   Find the area of the following garden :

The area = ... Square unit

= 14 Square unit
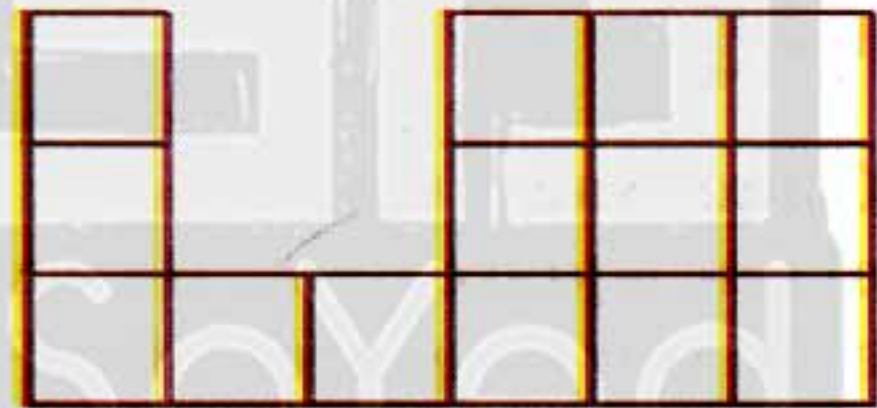
Exercise 4   Find the area of the following garden :
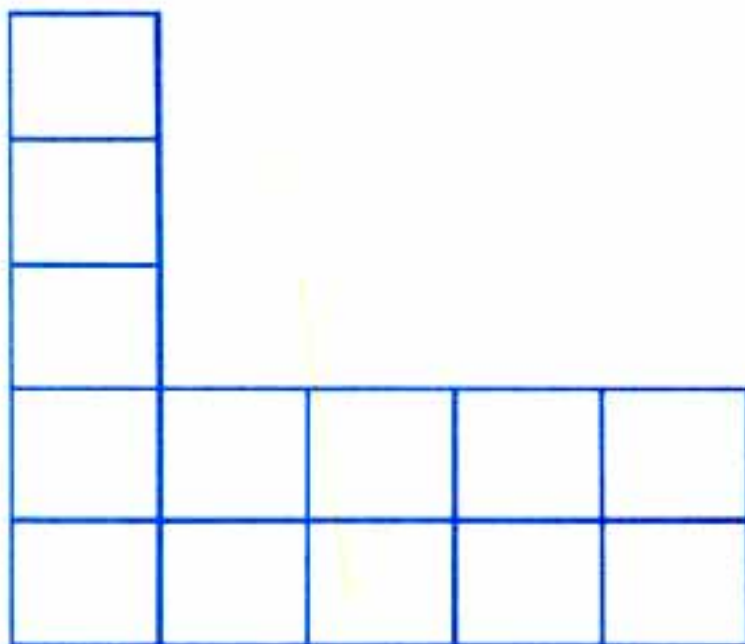
The area = ... Square unit
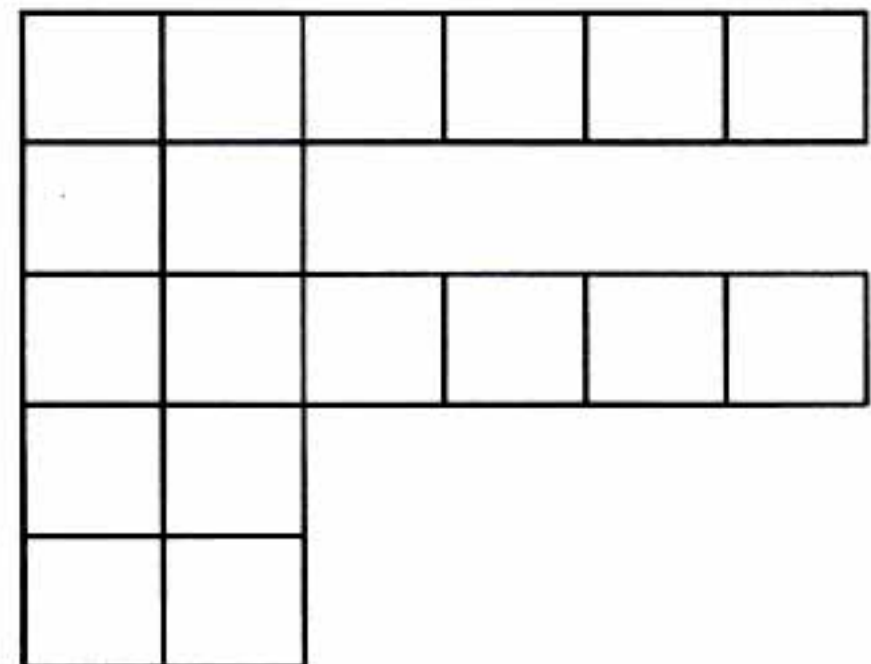
The area = ... Square unit

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Primary ③ - Term 1

Self - check on lesson (34 , 35)

Activities from Math Journal

1 Youssef loves watermelon and wants to plant it in his garden . watermelon needs 1 square unit of space . He would like the garden to have 4 rows with 4 square units in each row . How many watermelons can Youssef fit in his garden ? What is the area of his garden in square units ?

The solution :

A rectangular garden shall be established with

...... rows in each row .... columns

then put the watermelon in each square unit .

Number of watermelon plants = No. .... × No. ....

.... = ... × .... = ...

2 Aya wants to plant lettuce needs 1 square unit of space . She would like the garden to have 5 rows with 8 square units in each row . How much lettuce can Aya fit in her garden ? What is the area of her garden in square units ?

The solution :

A rectangular garden shall be established with

.... rows in each row .... columns

then put the lettuce in each square unit.

Number of Lettuce plants = No. .... × No. ....

.... = ... × .... = ...

Bakkar Series

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BAKKAR

The polygons

3 Find the area of the following rectangles:
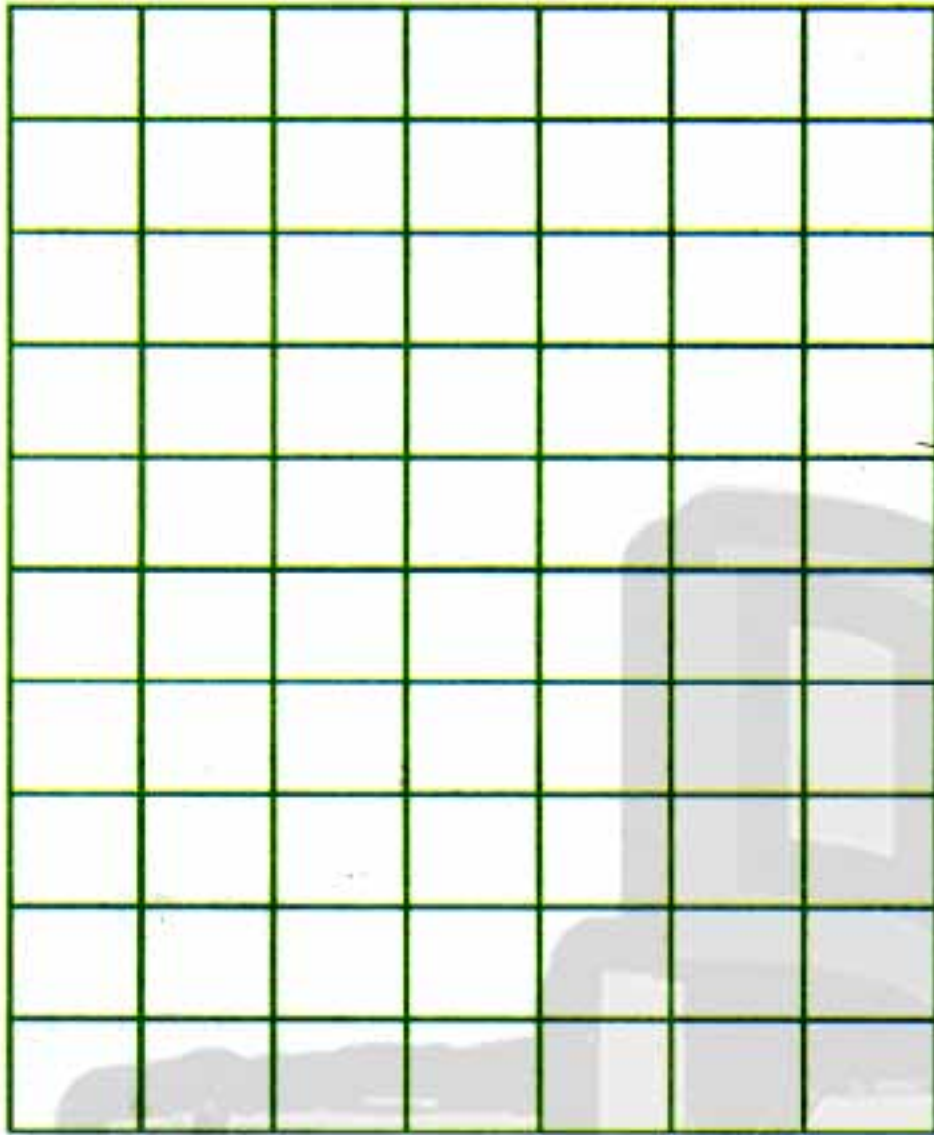
The area = ... Square unit
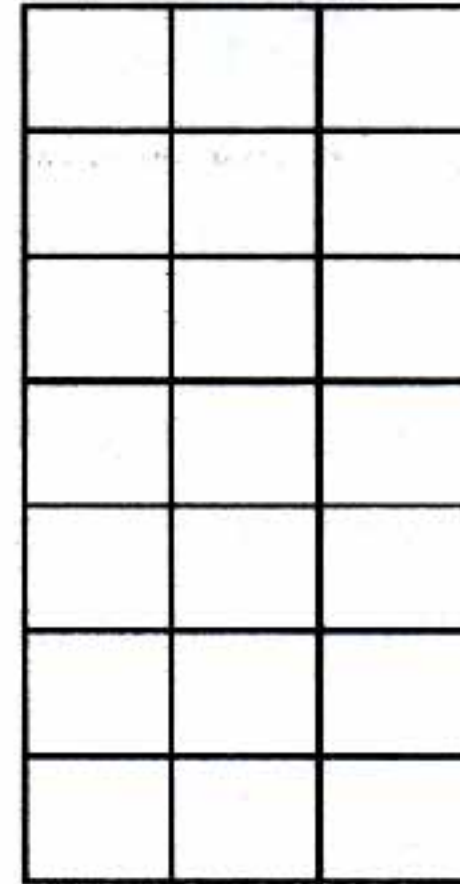
The area = ... Square unit

4 Find the area of the following garden :

Math Journal

The area = ... Square unit

The area = ... Square unit

كتاب بكار | موقع ذاكرولى التعليمى | الصف الثالث الابتدائى
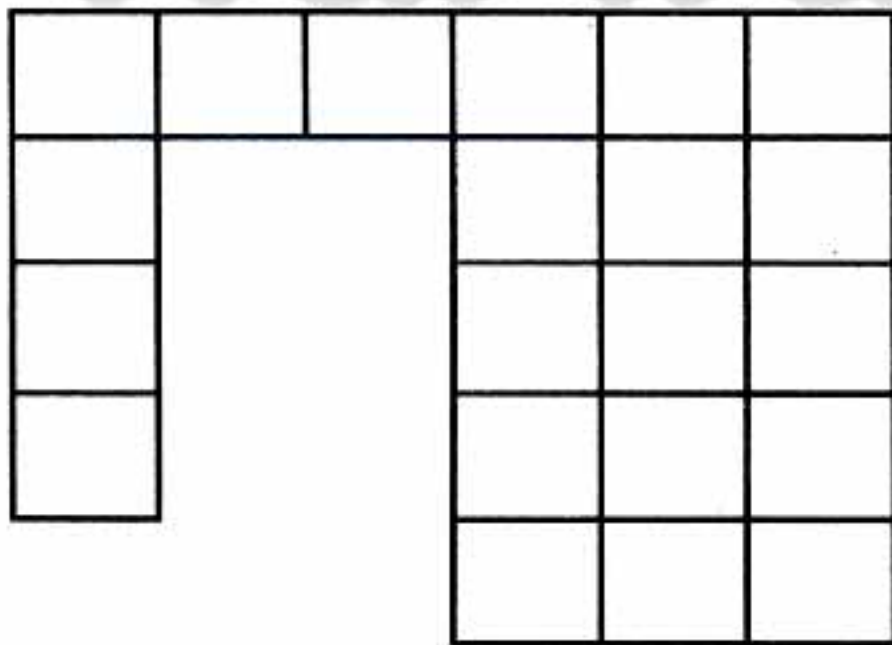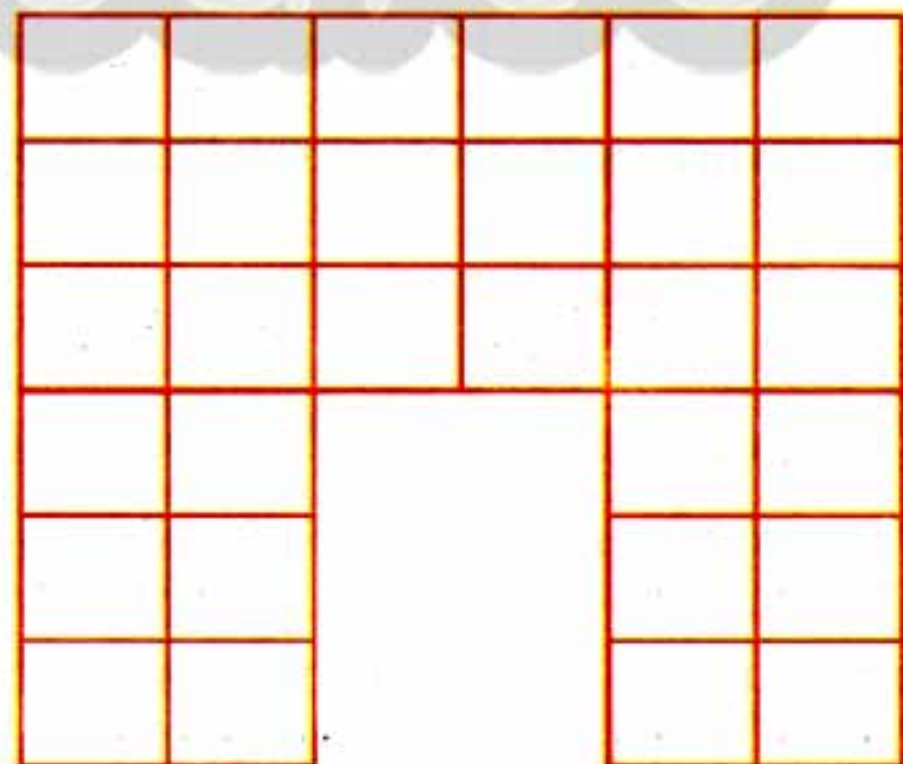
Lesson (36 , 37)

Definition of the area

Activity 1 — **Notice :**
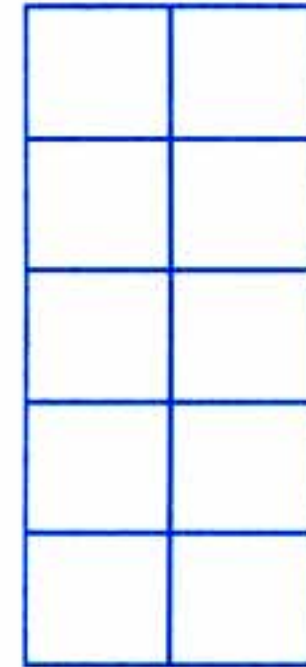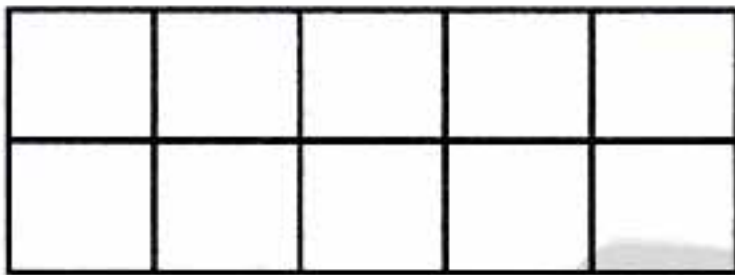
Number of units = 5×2

= 10 Square unit

Number of units = 2×5

= 10 Square unit

Notice : $2 \times 5 = 5 \times 2$

so we say : commutative is allow

Exercise 1 — Complete :

a) If $3 \times 7 = 21$ then $7 \times 3 =$ ....

b) If $6 \times 2 = 12$ then $2 \times 6 =$ ....

c) If $3 \times 9 = 27$ then $9 \times 3 =$ ....

d) If $4 \times 10 = 40$ then $10 \times 4 =$ ....

e) If $1 \times 9 = 9$ then $9 \times 1 =$ ....

Bakkar Series

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BAKKAR

The polygons

Activity 2 — Diagonal of the square :

It **is** line segment connecting two non-consecutive vertices .
And divide it into two congruent triangles.
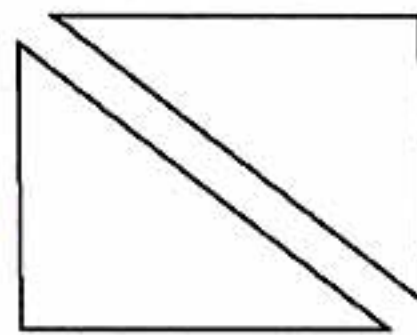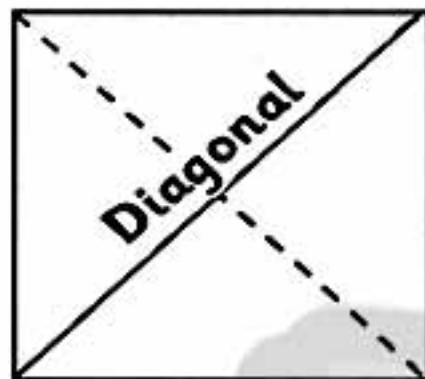
Math Journal

Challenge: How many triangles needed to make 5 squares?
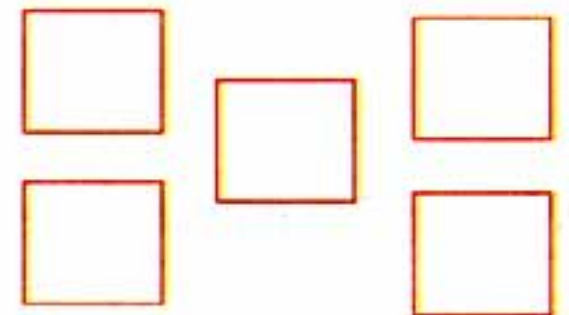
Exercise 2 — Complete the following :

×	0	1	2	3	4	5	6	7	8	9	10	11	12
0	0	0	0										
1	0	1								9			
2	0	2	4										
3			6									33	
4													
5			10										
6											60		
7								49					
8													
9									72				
10													
11											110		
12						60							

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Primary ③ - Term 1

Chapter 4

Activity **3** **Determine the area of the rectangle :**

The area = No. Rows × No. Columns

= 5 × 4
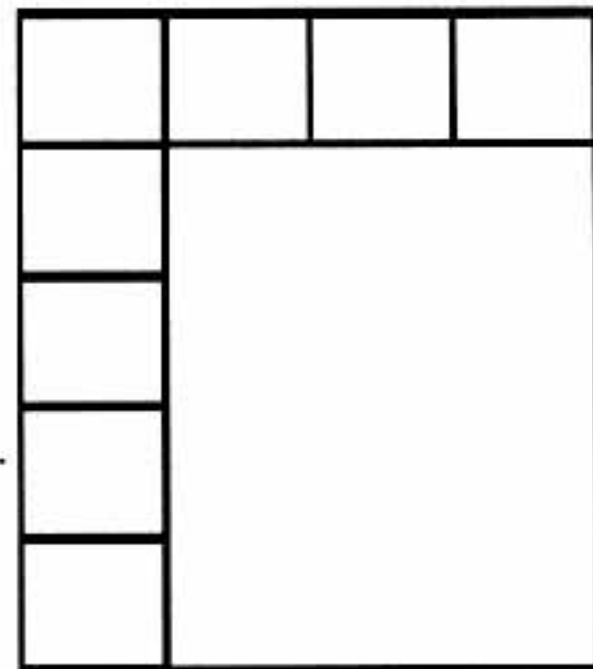
= **20** Square unit

Exercise **3** Determine the area of the following figures :

Math Journal
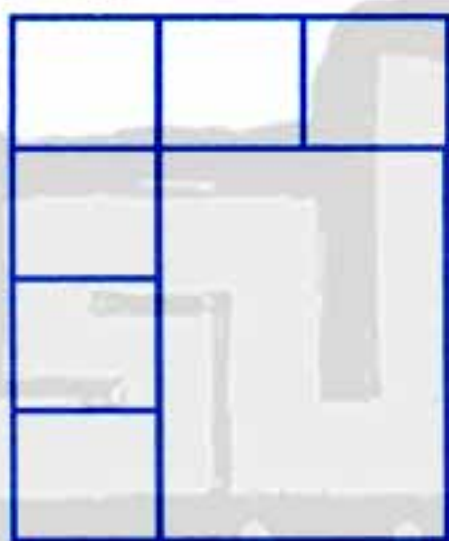
The area = 4 × 3

= .... Square unit
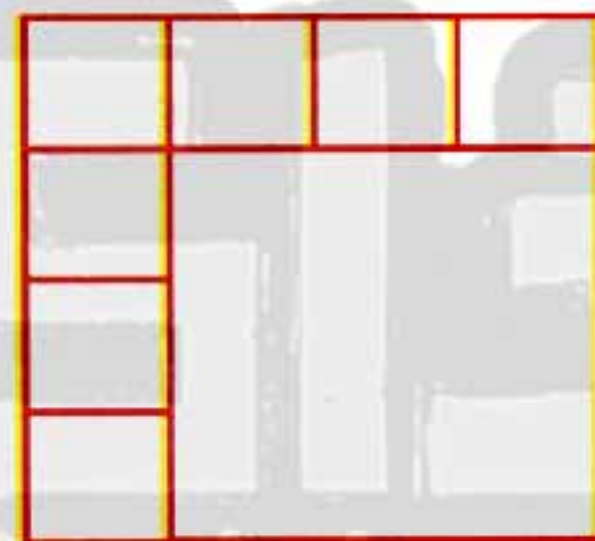
The area = ... × ....

= .... Square unit

The area = ... × ....

= .... Square unit

هذا العمل خاص بموقع ذاكرولى التعليمى ولا يسمح بتداوله على مواقع أخرى
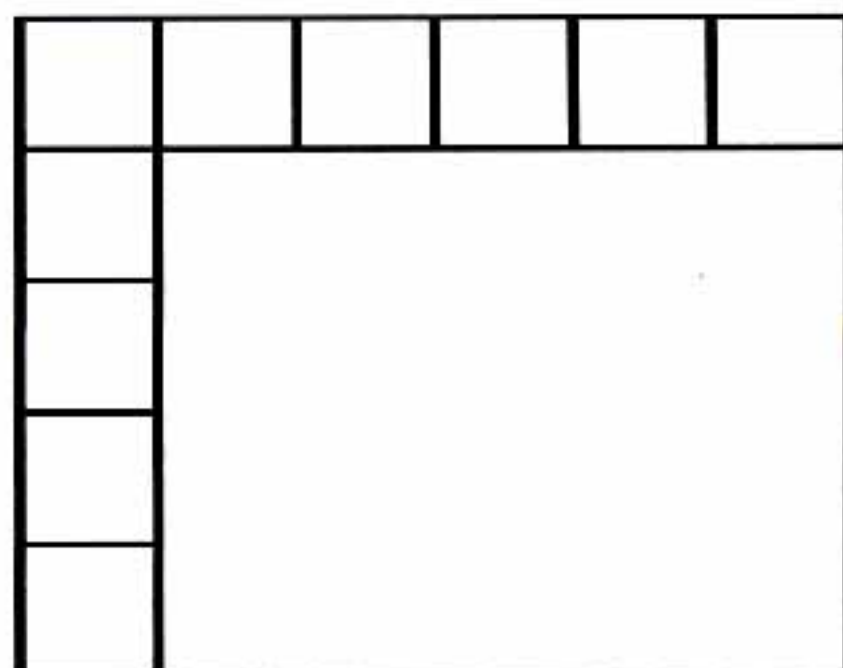
BAKKAR

The polygons

Activity 4 Notice the difference between the area of the following :
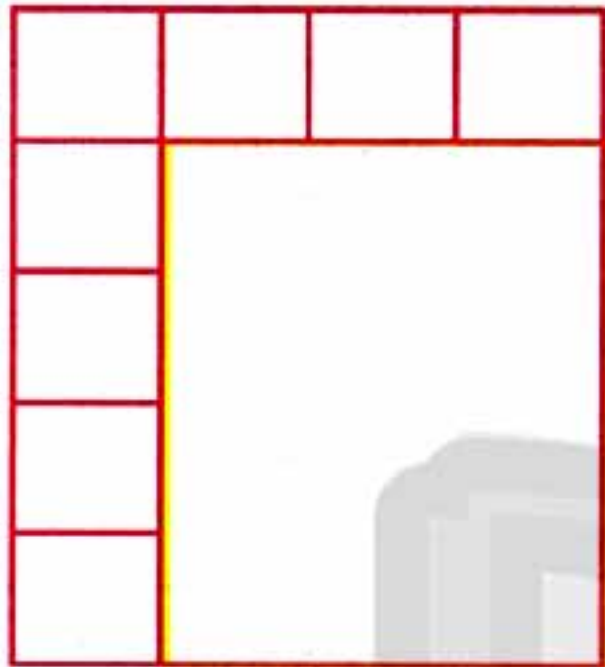
The area = No. Rows × No. Columns

= 5 × 4
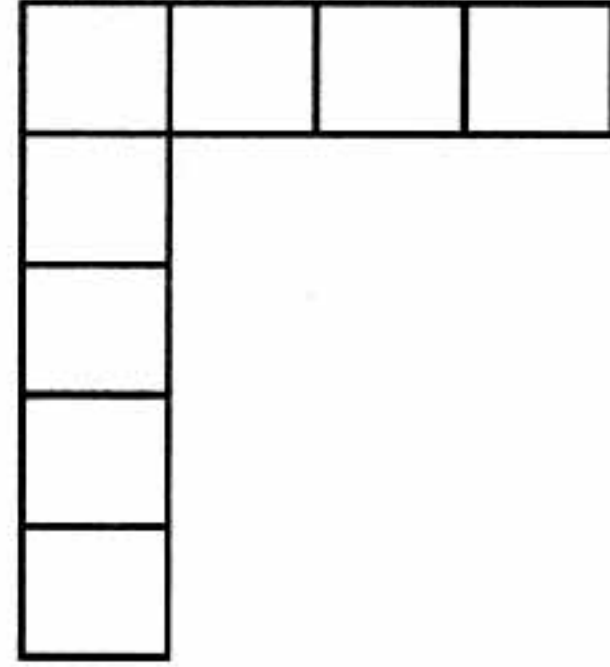
= 20 Square unit

The area = No. Of square units

= 8 Square unit

Exercise 4 Determine the area of the rectangle :
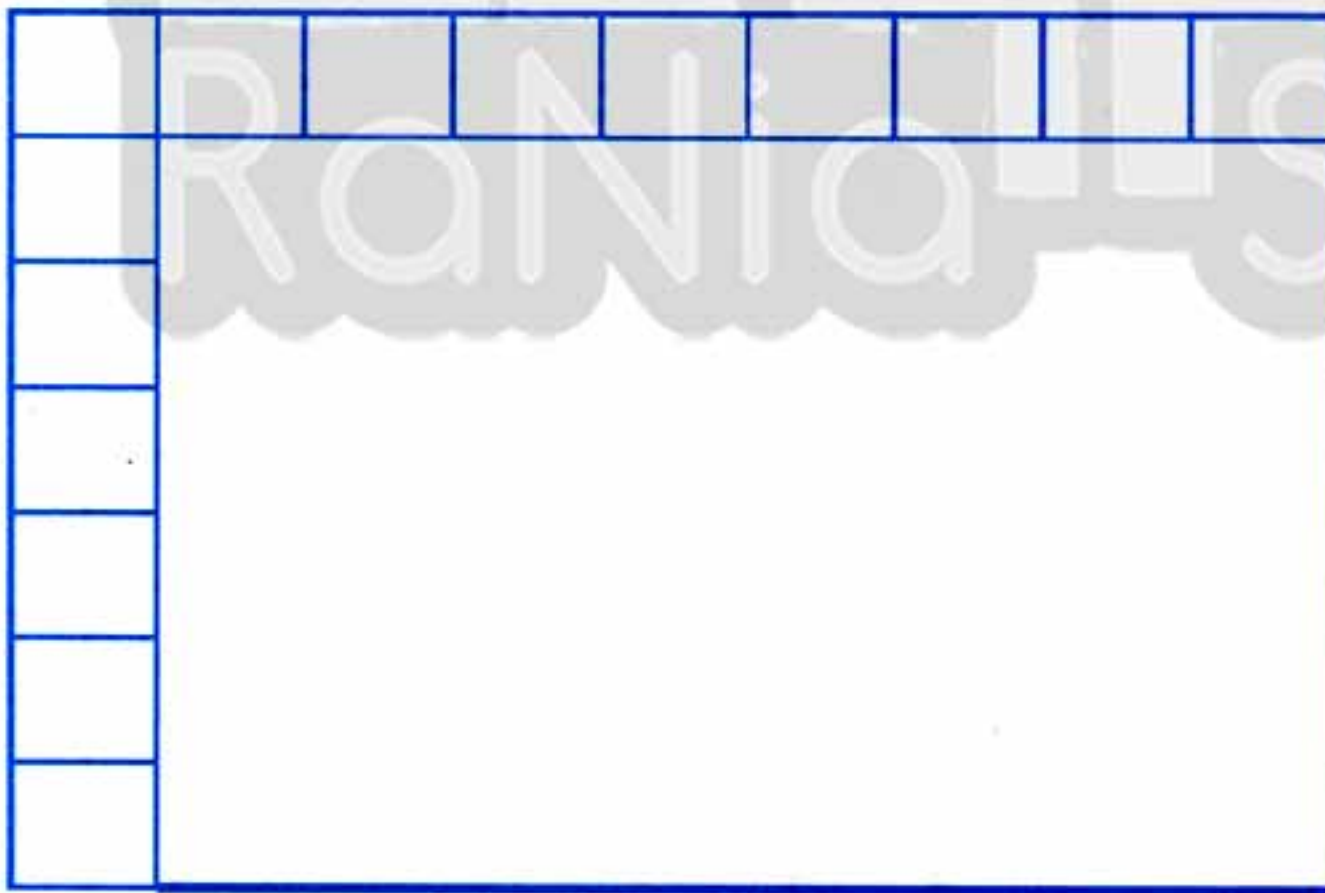
The area = ... × ....
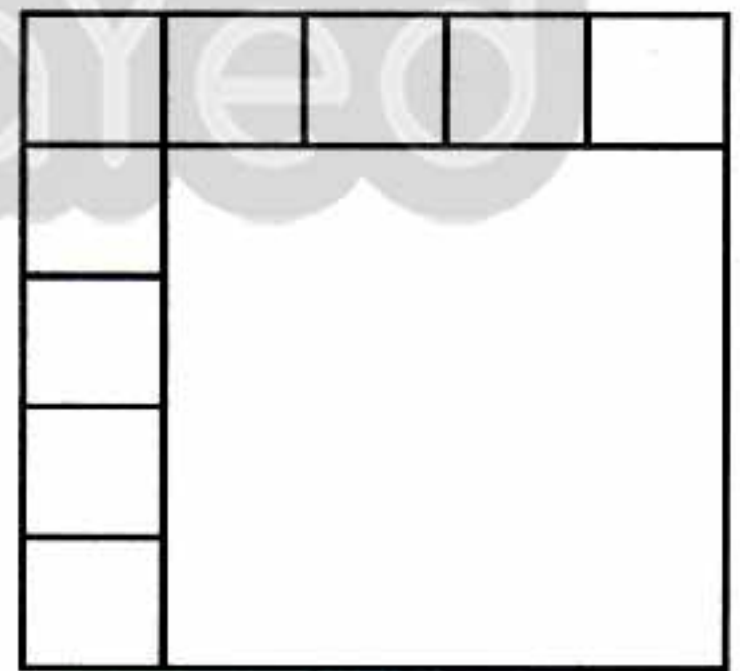
= .... Square unit

The area = ... × ....

= .... Square unit

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Primary ③ - Term 1

Self - check on lesson (36 , 37)

1 Determine the area of the rectangle :
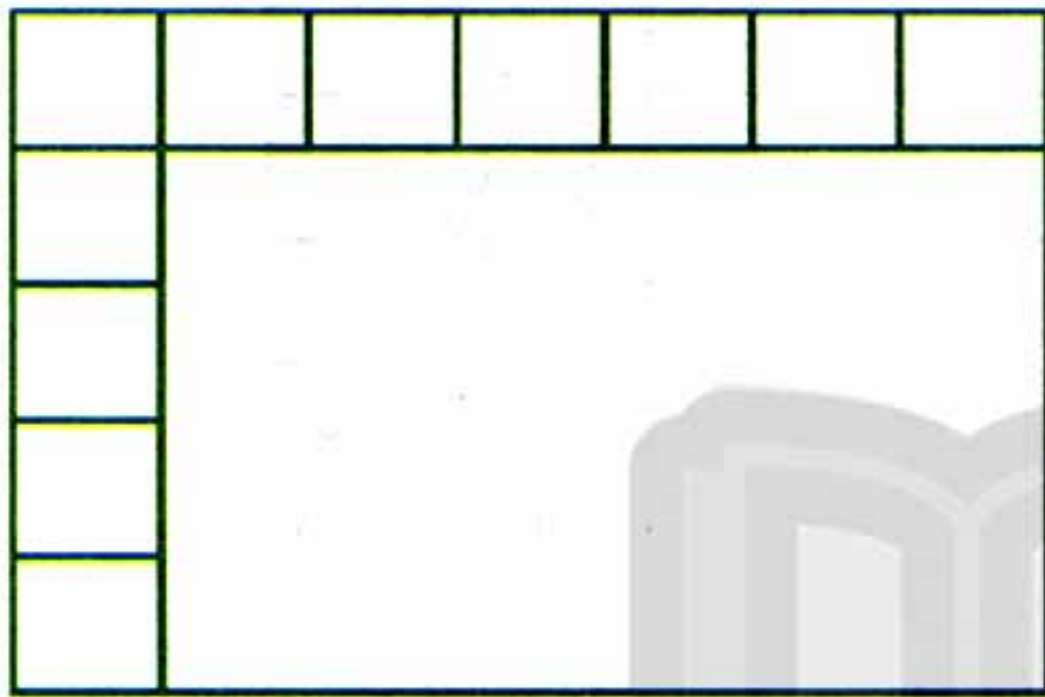
The area = ... × ....
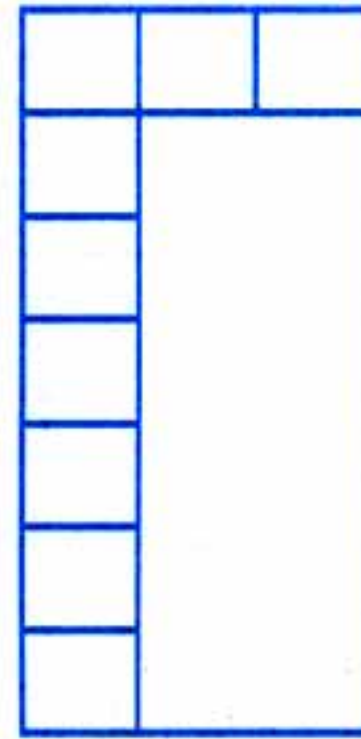
= .... Square unit

The area = ... × ....
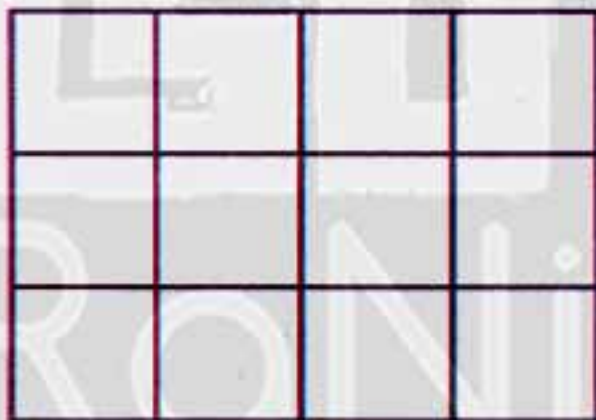
= .... Square unit

The area = ... × ....

= .... Square unit

The area = ... × ....

= .... Square unit

2 Shad to represent area of rectangle = 15 units :

Bakkar Series

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BAKKAR

The polygons

3 Determine the area of the following figures :

The figure	1	2	3	4
The area	…………	…………	…………	…………

الصف الثالث الابتدائى   موقع ذاكرولى التعليمى   كتاب بكار
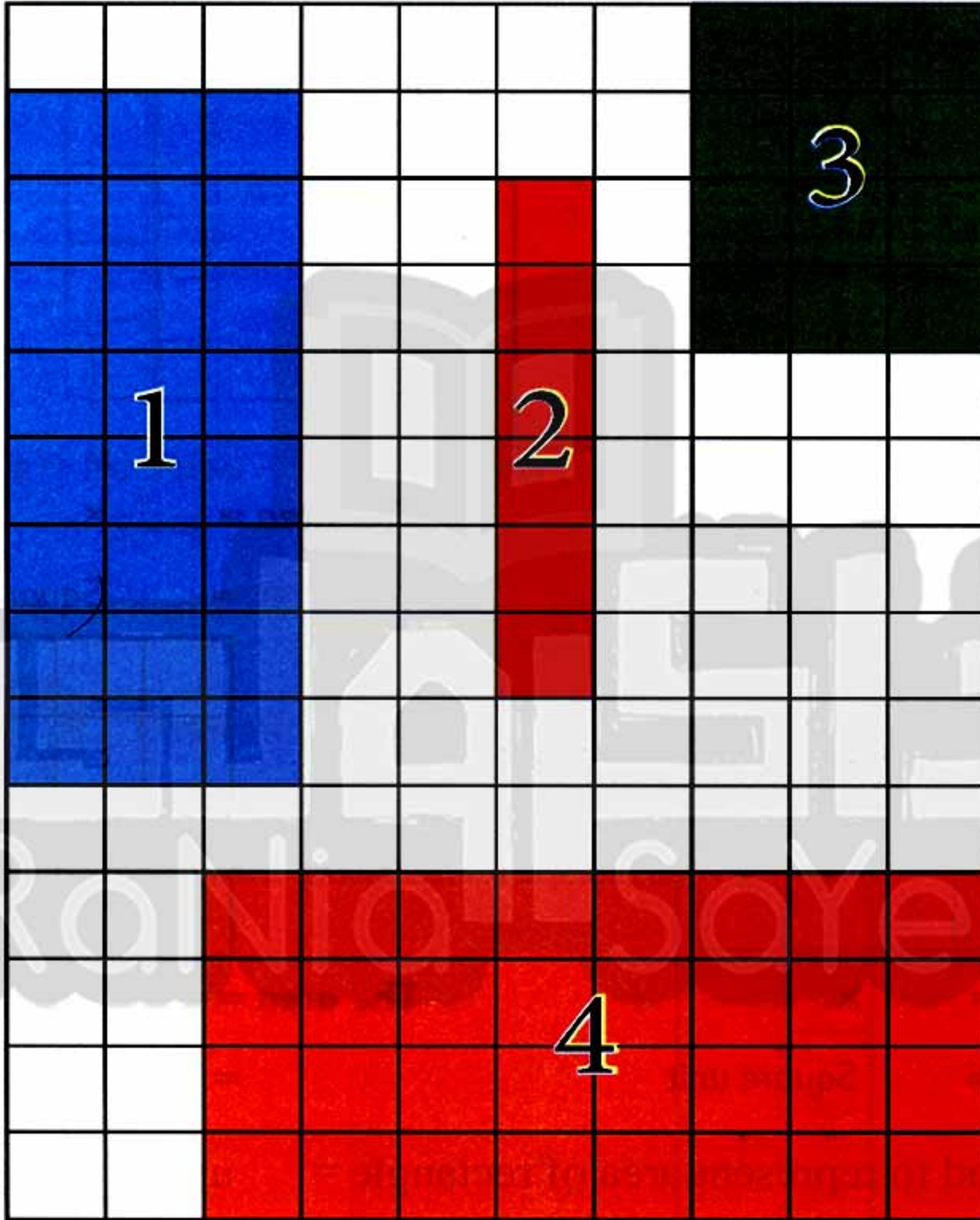
Lesson (38 , 39 , 40)

The distributive property to solve multiplication problems

Distributive property in multiplication

Activity 1 Notice :
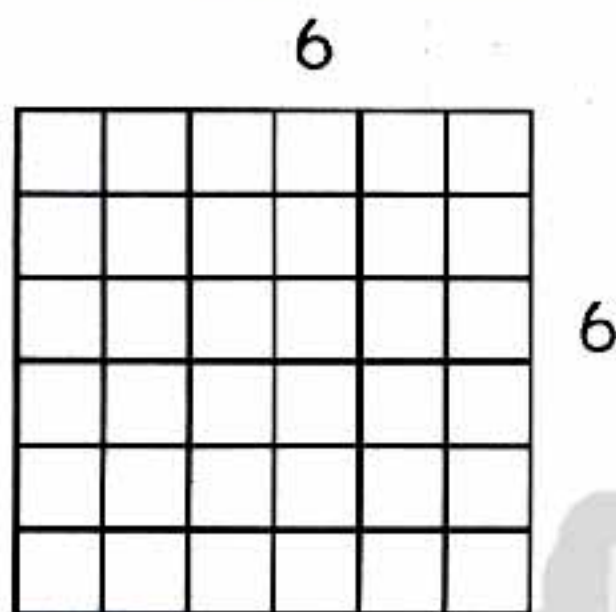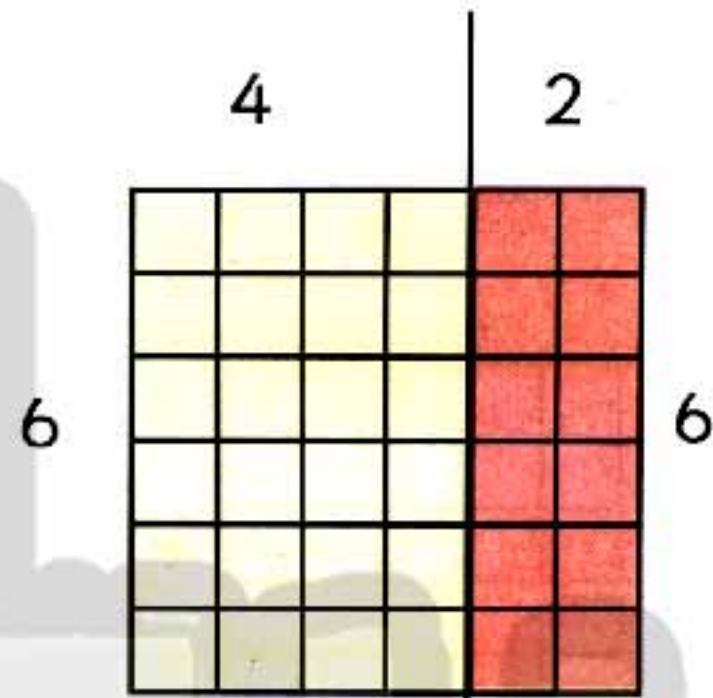
Array 6 × 6 = Array 6 × (4 + 2)
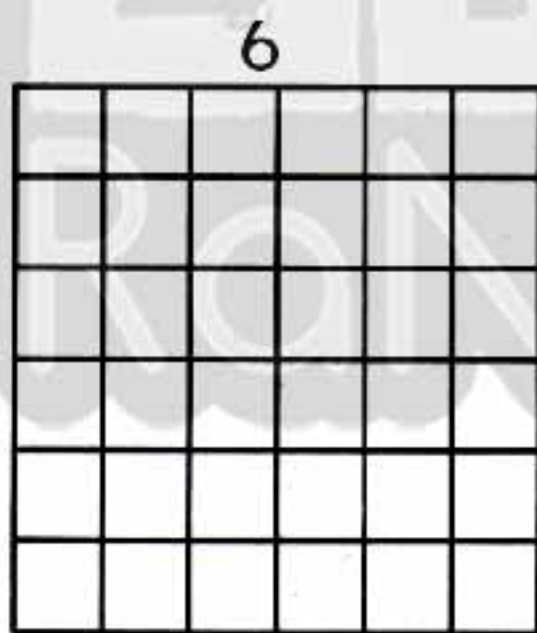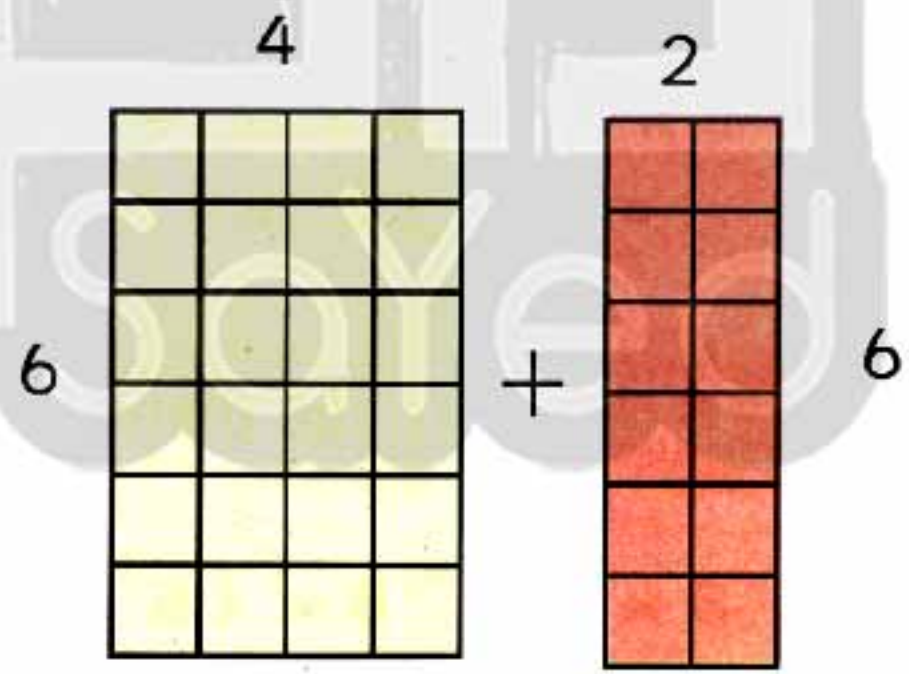
Array 6 × 6 = Array 6 × 4 + Array 6 × 2

Deduction : $6 \times 6 = 6 \times (4 + 2) = (6 \times 4) + (6 \times 2)$

$= 24 + 12 = 36$

This property is called (multiplication distributive property)

Bakkar Series

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BAKKAR

The polygons

Activity 2 — **Use the distributive property to find 5 × 6 :**

6

5 = 5

Array 5 × 6

5 | 1

5

Array 5 × (5 + 1)

6

5 = 5
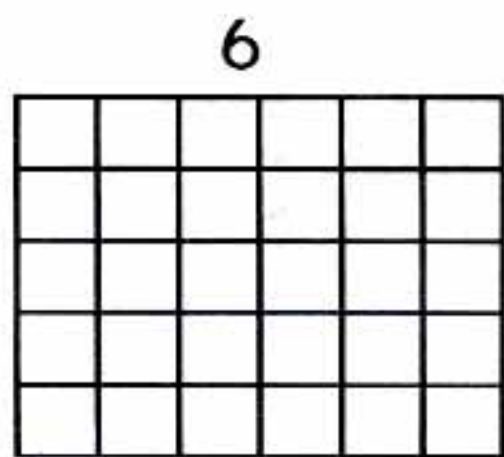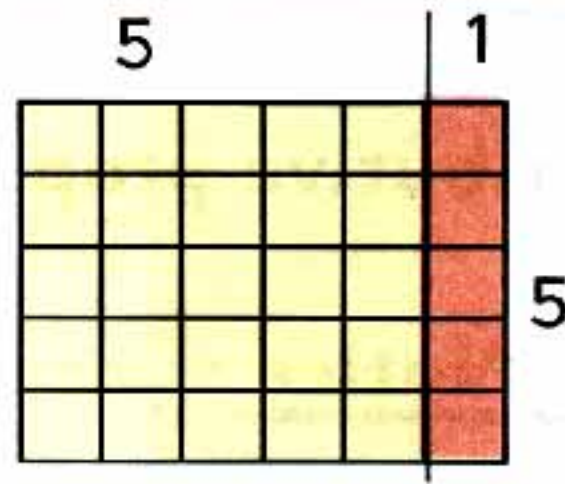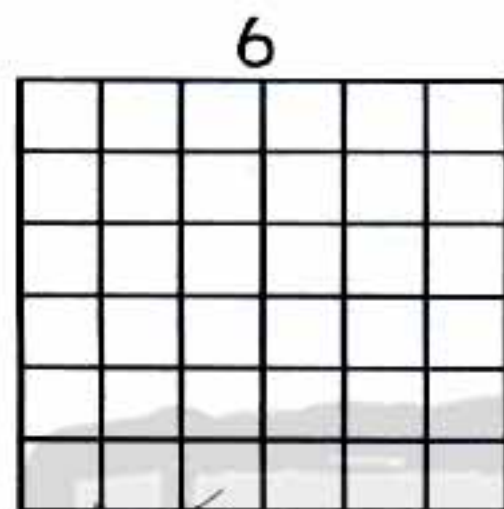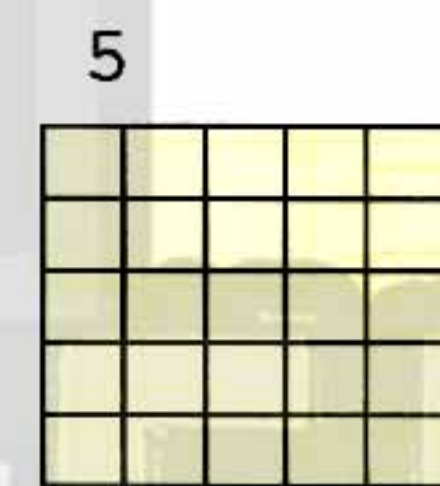
Array 5 × 6 = Array 5 × 5 + Array 5 × 1

$$5 \times 6 = 5 \times 5 + 5 \times 1$$
$$= 5 \times (5 + 1) = (5 \times 5) + (5 \times 1)$$

Exercise 1 — Use the distributive property to find :

$$* \ 6 \times 9 = 6 \times (5 + 4) = 6 \times 5 + 6 \times 4$$
$$= \ .... \ + \ .... \ = \ ....$$

$$* \ 4 \times 8 = 4 \times (5 + 3) = \ ...... \times ...... \ + \ ...... \times ......$$
$$= \ .... \ + \ 12 \ = \ ....$$

$$* \ 3 \times 7 = 3 \times (3 + 4) = \ ...... \times ...... \ + \ ...... \times ......$$
$$= \ 9 \ + \ .... \ = \ ....$$

Primary 3 - Term 1

Chapter 4

Activity 3 — Use the distributive property to find :

Math Journal

5   4

8

9
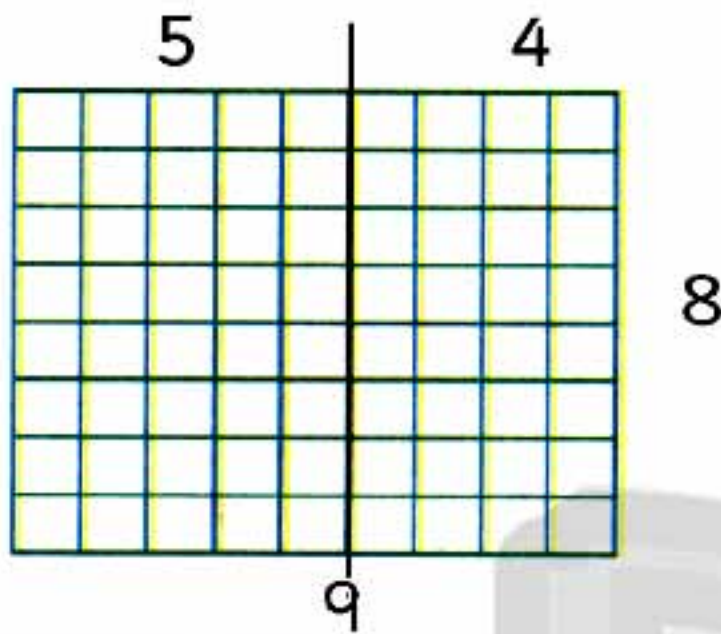
$8 \times 5 = \boxed{40}$

$8 \times 4 = \boxed{32}$

$\boxed{40} + \boxed{32} = \bigcirc{72}$

$8 \times 9 = 72$

$$8 \times 9 = 8 \times (5 + 4) = (8 \times 5) + (8 \times 4)$$

Another method

8   1

8

9
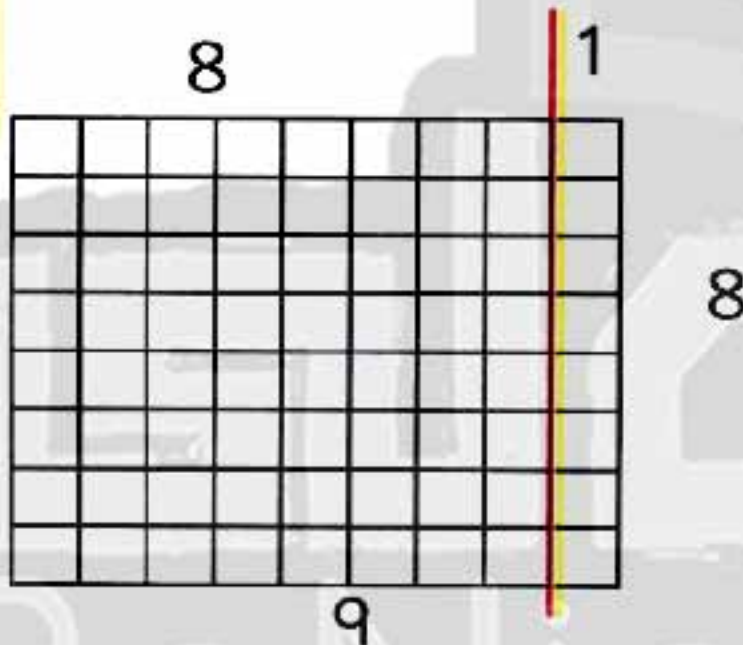
$8 \times 8 = \boxed{64}$

$8 \times 1 = \boxed{8}$

$\boxed{64} + \boxed{8} = \bigcirc{72}$

$8 \times 9 = 72$

$$8 \times 9 = 8 \times (8 + 1) = (8 \times 8) + (8 \times 1)$$

Another method

3   6

8

9
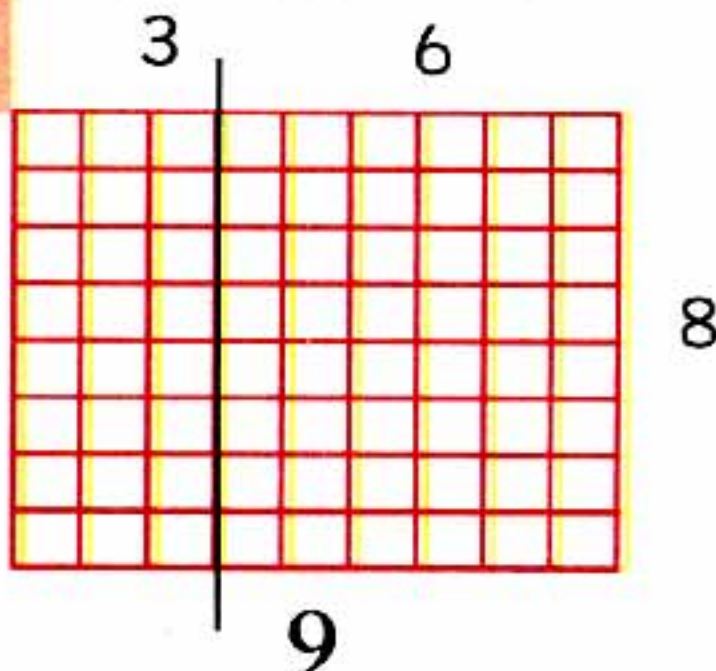
$8 \times 3 = \boxed{24}$

$8 \times 6 = \boxed{48}$

$\boxed{24} + \boxed{48} = \bigcirc{72}$

$8 \times 9 = 72$

$$8 \times 9 = 8 \times (3 + 6) = (8 \times 3) + (8 \times 6)$$

Bakkar Series

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BAKKAR

The polygons

Exercise 2 Use the distributive property to find :

$$\ldots \times \ldots = \boxed{}$$

$$\ldots \times \ldots = \boxed{}$$

$$\boxed{} + \boxed{} = \bigcirc$$

$$7 \times 8 = \ldots$$

$$7 \times 8 = \quad 7 \times (\ldots + \ldots) = (7 \times \ldots) + (7 \times \ldots)$$

$$\ldots \times \ldots = \boxed{}$$

$$\ldots \times \ldots = \boxed{}$$

$$\boxed{} + \boxed{} = \bigcirc$$

$$9 \times 6 = \ldots$$

$$9 \times 6 = \quad 9 \times (\ldots + \ldots) = (\ldots \times \ldots) + (9 \times \ldots)$$

$$\ldots \times \ldots = \boxed{}$$

$$\ldots \times \ldots = \boxed{}$$

$$\boxed{} + \boxed{} = \bigcirc$$

$$8 \times 2 = \ldots$$

$$8 \times 2 = \ldots \times (\ldots + \ldots) = (\ldots \times \ldots) + (\ldots \times \ldots)$$

Primary ③ - Term 1
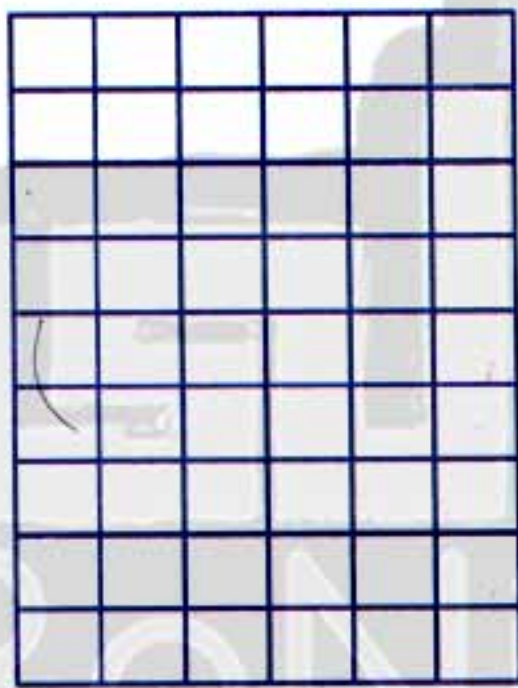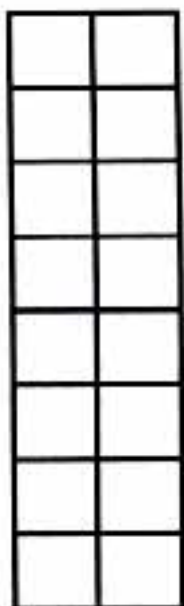
Self - check on lesson (38 , 39 , 40)

1   Use the distributive property to find :

.... × .... = ☐
.... × .... = ☐
☐ + ☐ = ◯
6 × 10 = ...

.... × .... = ☐
.... × .... = ☐
☐ + ☐ = ◯
4 × 6 = ...

.... × .... = ☐
.... × .... = ☐
☐ + ☐ = ◯
12 × 10 = ...

Bakkar Series

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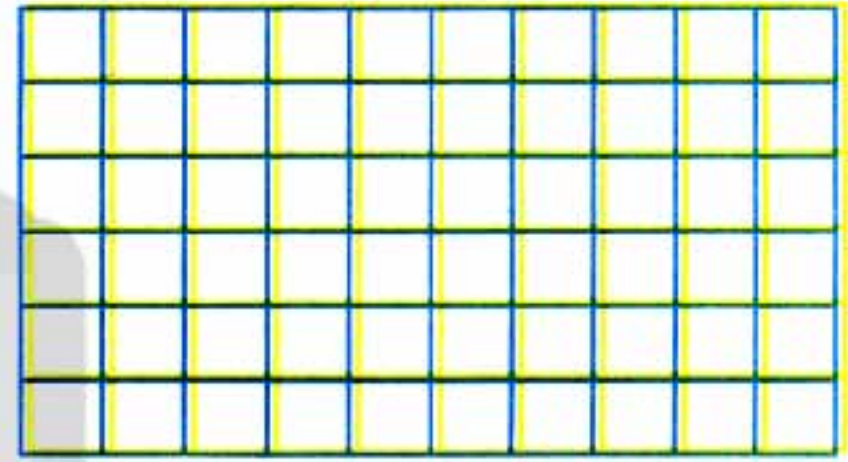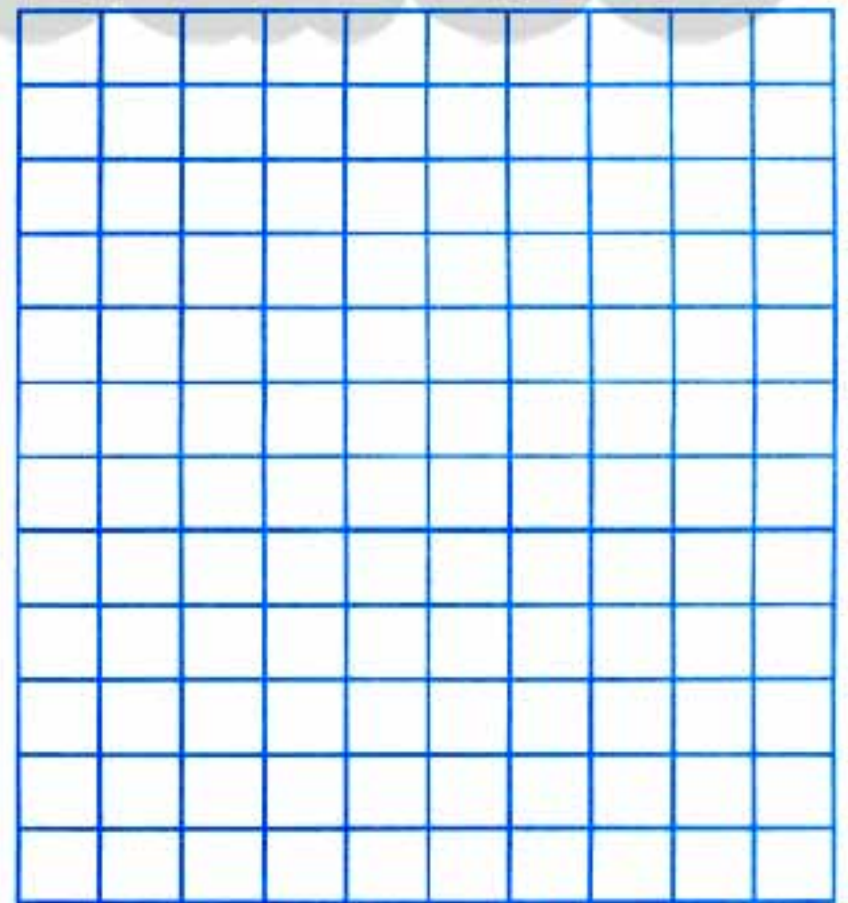
The polygons

2 Use the distributive property to find :

$5 \times 9 = 5 \times (5 + \dots)$
$= 5 \times 5 + 5 \times \dots$
$= \dots + \dots$
$= \dots$

$7 \times 8 = 7 \times (4 + \dots)$
$= 7 \times 4 + 7 \times \dots$
$= \dots + \dots$
$= \dots$

$9 \times 9 = 9 \times (6 + \dots)$
$= 9 \times 6 + 9 \times \dots$
$= \dots + \dots$
$= \dots$

$11 \times 5 = 11 \times (3 + \dots)$
$= 11 \times \dots + 11 \times \dots$
$= 33 + \dots$
$= \dots$

$8 \times 6 = 8 \times (\dots + 3)$
$= 8 \times \dots + \dots \times 3$
$= \dots + \dots$
$= \dots$

$12 \times 6 = 12 \times (4 + \dots)$
$= 12 \times 4 + 12 \times \dots$
$= \dots + \dots$
$= \dots$

$9 \times 12 = 9 \times (2 + \dots)$
$= 9 \times 2 + 9 \times \dots$
$= \dots + \dots$
$= \dots$

$1 \times 12 = 1 \times (10 + \dots)$
$= 1 \times 10 + 1 \times \dots$
$= \dots + \dots$
$= \dots$

Self - check 2 Chapter 4

1 Find the area of the following shapes :
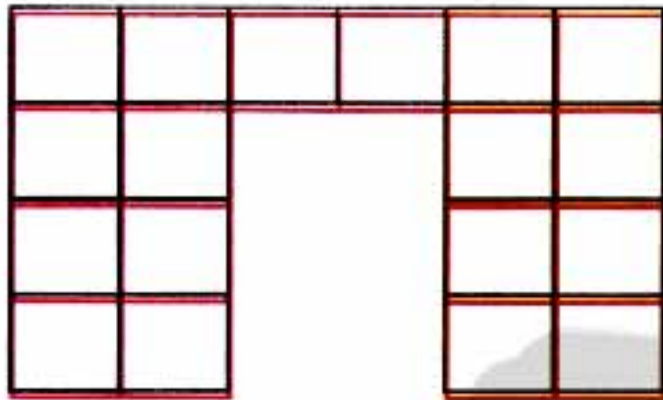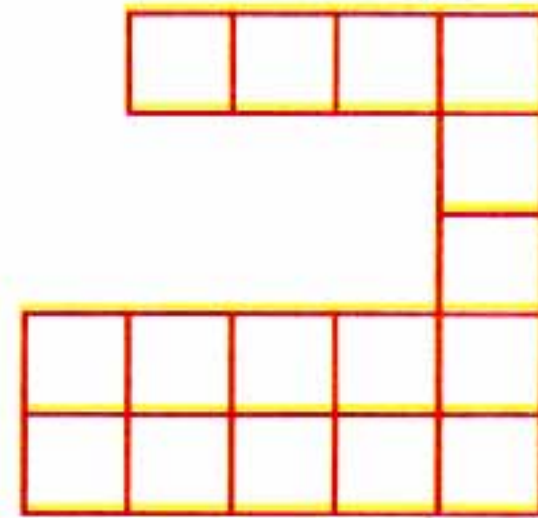
The area = ... units   The area = ... units

2 Use the distributive property to find :

:::::::: × :::::::: = ::::::::

:::::::: × :::::::: = ::::::::

:::::::: + :::::::: = ::::::::

4 × 6 = ::::::::
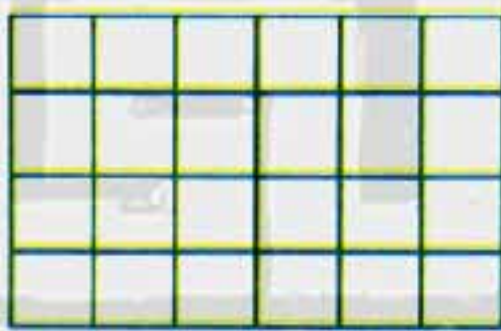
3 Jana is plant pumpkin. Each pumpkin needs one square unit . Jana wants to make the garden of 2 rows of 9 square units in each .

How many pumpkin plants can be grown in the garden?

What is the area of her garden in square units?

The solution : Number of plant = ... × .... = ... plant

The **area of** garden = ... square units

Bakkar Series

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Self - check 2 Chapters 1,2,3,4

1 Determine the area of the following rectangles :

The area = ... × ....

= .... Square unit

The area = ... × ....

= .... Square unit

2 Complete :

$$8 \times 12 = 8 \times (2 + \text{......})$$
$$= 8 \times 2 + 8 \times \text{......}$$
$$= \text{......}$$

$$3 \times 12 = 3 \times (10 + \text{......})$$
$$= 3 \times 10 + 3 \times \text{......}$$
$$= \text{......}$$

$$4 \times 7 - 28$$

$$8 \times 5 - 40$$

$$28 \div 4 = \text{......}$$ $$28 \div 7 - \text{......}$$

$$40 \div 5 - \text{......}$$ $$40 \div 4 - \text{......}$$

3 Represent the relation between the polygon and the number of its sides in the following bar graph :

The number

6
5
4
3
2
1
0

Rhombus | Rectangle | Parallelogram | Trapezium | Square

The polygon

For more exercises follow the Bakkar Self- check page (210)

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Primary 3 - Term 1

الصف الثالث الابتدائى | موقع ذاكرولى التعليمى | كتاب بكار
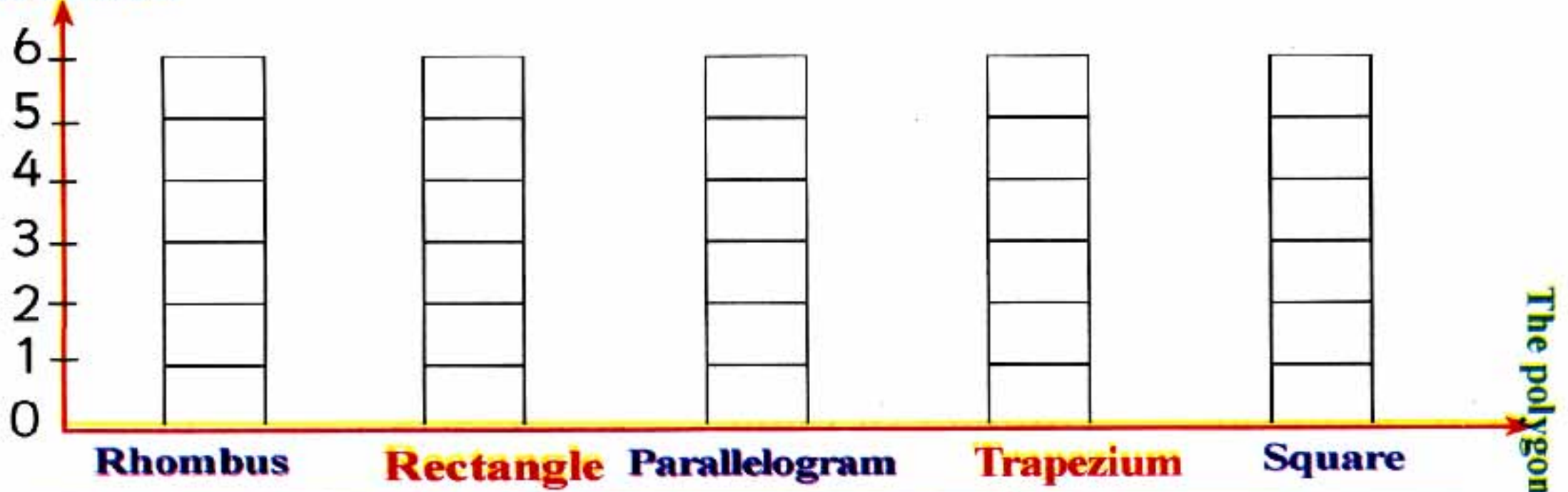
Chapter 5

The perimeter and The area

Key Vocabulary

Measurement	قياس	Cm	سم
Multiple of a number	مضاعف العدد	Estimate	التقدير
Open shape	شكل مفتوح	Height	الإرتفاع
Perimeter	محيط	Length	الطول
Properties	الخواص	Linear	خطي
Strategy	استراتيجية	Linear measurement	قياس خطي
The actual	الفعلي		

تفوقك في أي عمل عليه العلامة دي

Content

- Bakkar Self-Check On each Chapter
- Bakkar Self-Check On each lesson
- Exercise inspired by Math Jornal
- Exercise inspired by Discover Book

Lesson (41 , 42 , 43)

The perimeter

Activity 1 Number challenge :

First pupils cards A

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

Second pupils cards B

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

Ex: First factor card from pupil A as **7**

Second factor card from pupil B as **10**

The product of $7 \times 10 = 70$

Use one of the following strategies :

(Repeated Addition - skip count - array) to find the product of multiplication

The first factor	The second factor	The product
7	10	$7 \times 10 = 70$
....	....	....
....	....	....
....	....	....
....	....	....
....	....	....
....	....	....
....	....	....

Activity 2 Colour the quadrilateral with blue :

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Primary ③ - Term 1
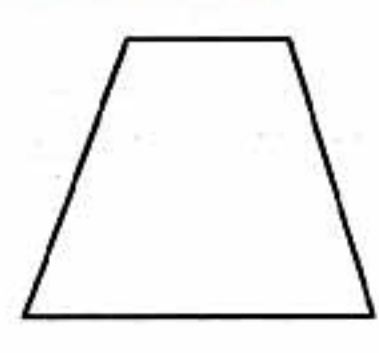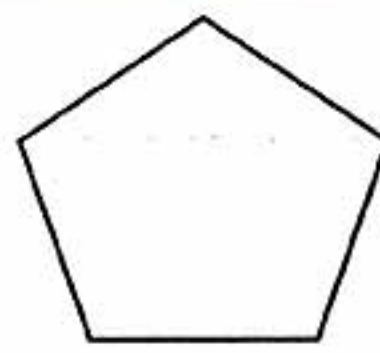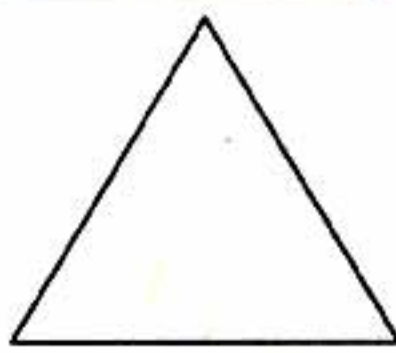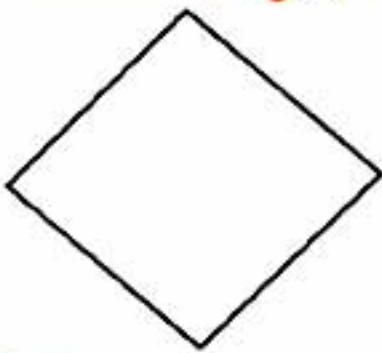
Chapter 5

Activity 3 — Put (√) under the polygons :
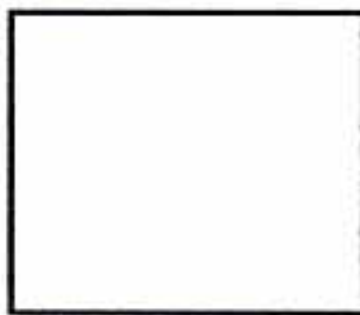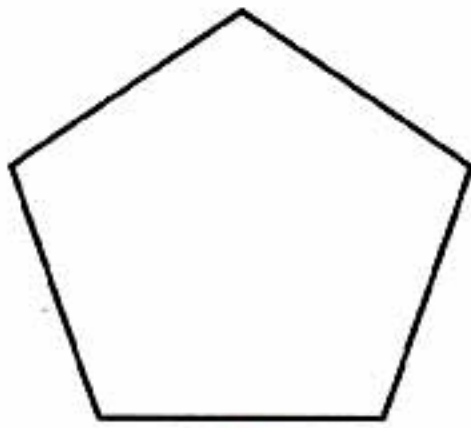
Activity 4 — Learn tools for measuring lengths :

Activity 5 — Notice the following :

5 cm

5 cm

3 cm

4 cm

5 cm

5 cm

3 cm

4 cm

5 cm   5 cm   4 cm   3 cm
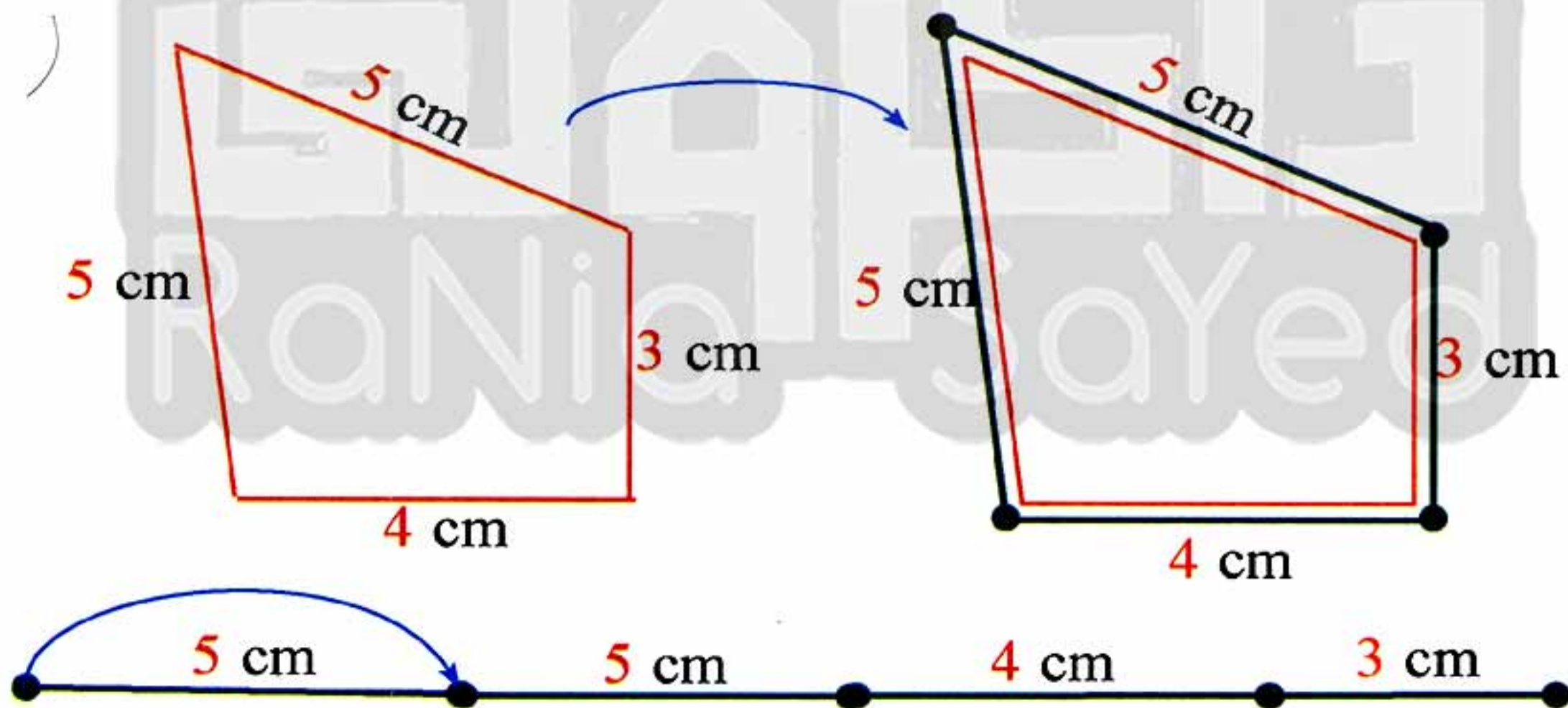
The length of the string = 5 + 5 + 4 + 3 = 17 cm

Deduce : The perimeter is the length of the line around the shape

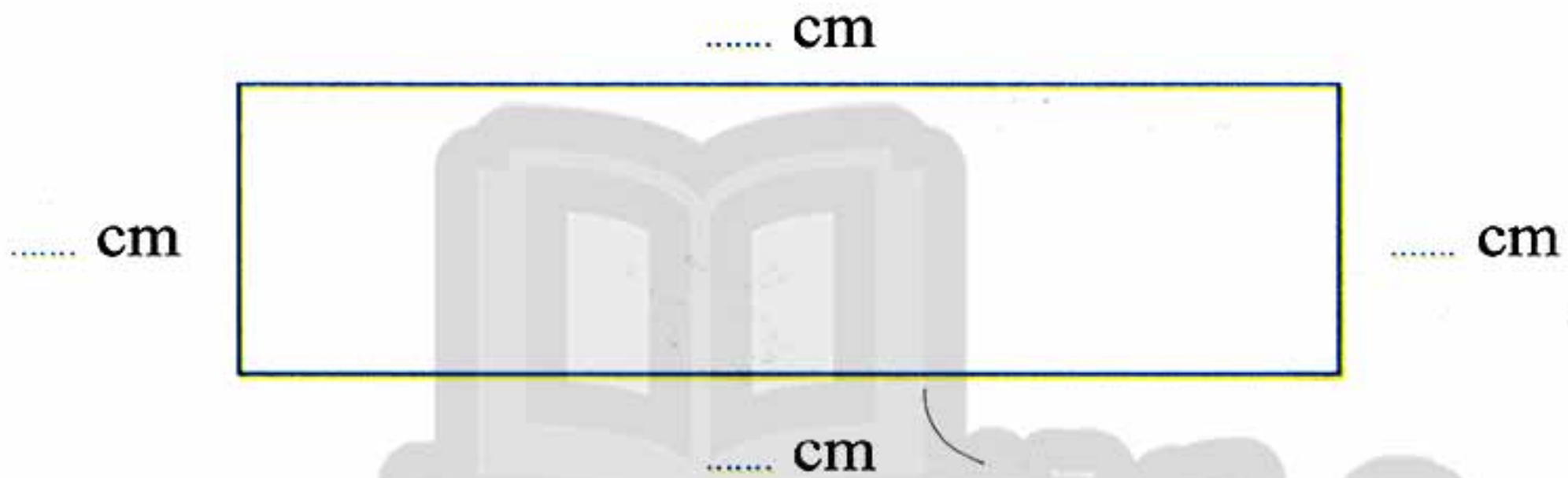**So that :** The perimeter is a Linear measurement

Bakkar Series

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BAKKAR

Perimeter and Area

The perimeter : is the sum of the side lengths

Activity 6 Find the length of each side then find the perimeter (using ruler) :

.... cm

.... cm   .... cm

.... cm

The perimeter = ... + ... + ... + ... = ... cm

Exercise 1 Find the length of each side then find the perimeter (using ruler) :

.... cm   .... cm

.... cm   .... cm

The perimeter = ... + ... + ... + ... = ... cm

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Primary ③ - Term 1
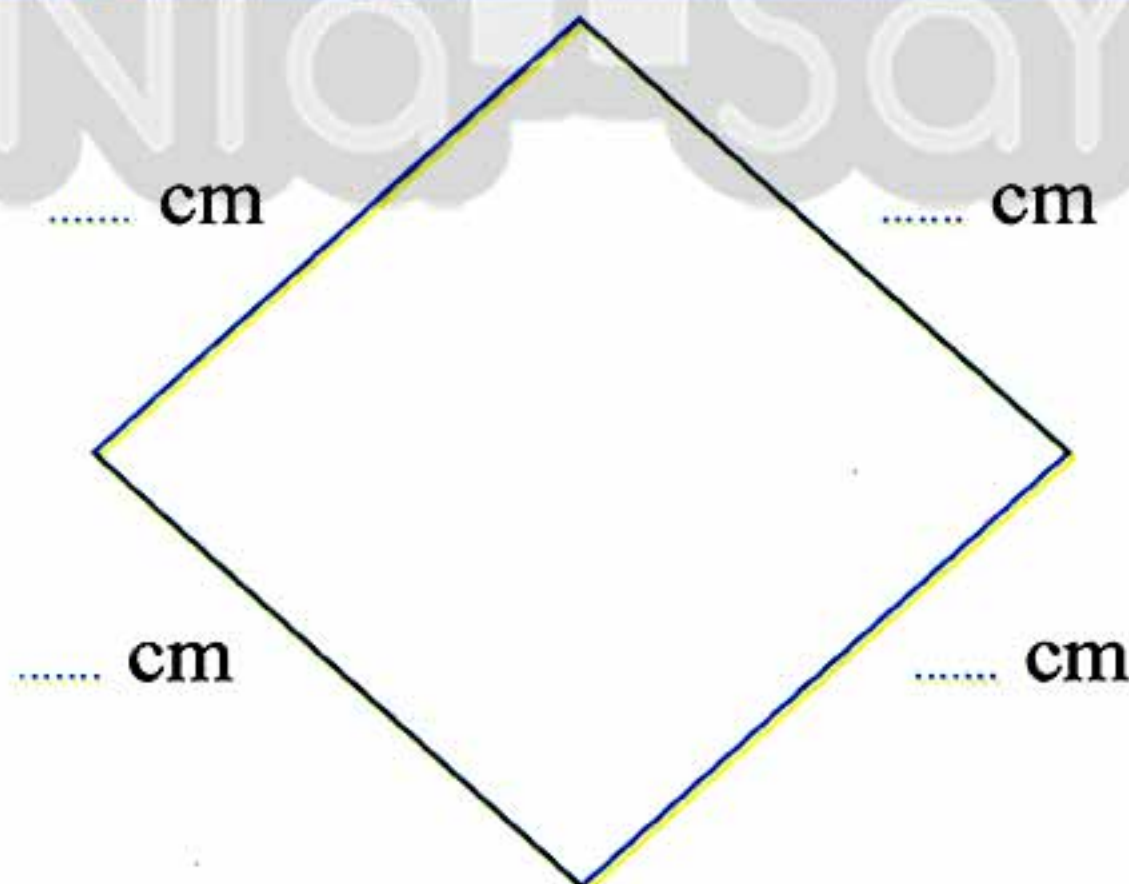
Exercise 2 Circle the polygons and remove the shapes that isn't polygons :
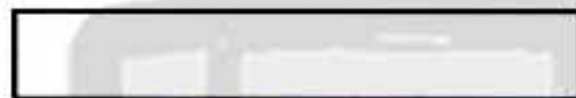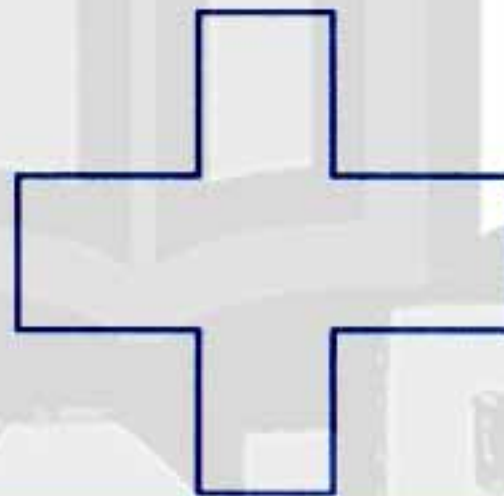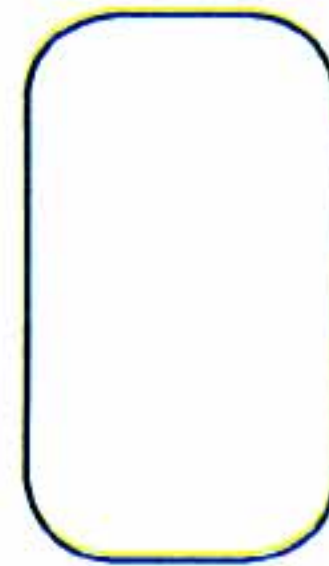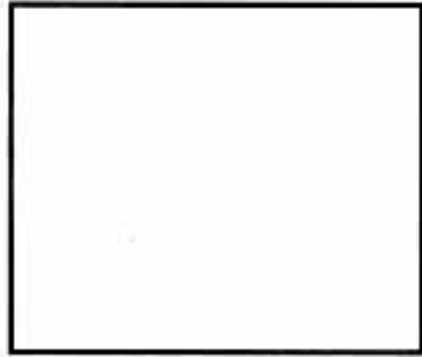
Exercise 3 Find the length of each side then find the perimeter (using ruler) :

Figure **1**
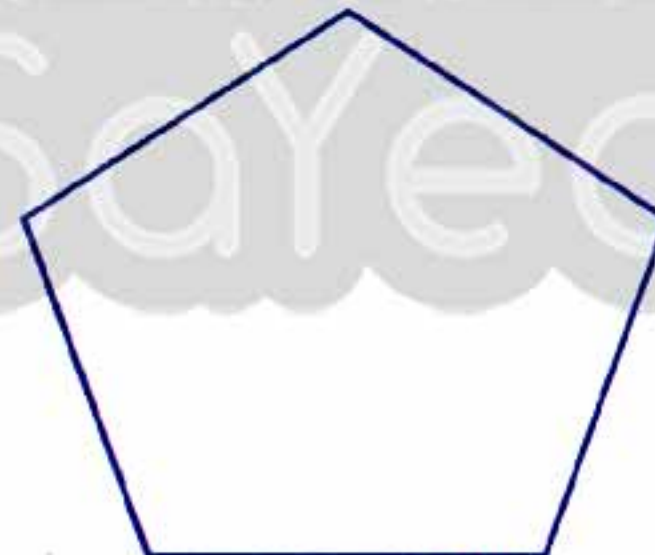
Figure **2**

Polygon	Perimeter
Figure 1	...... + ... + ... + ... = ... cm
Figure 2	...... + ... + ... + ... + ... = ... cm

Bakkar Series

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BAKKAR

Perimeter and Area

Remember
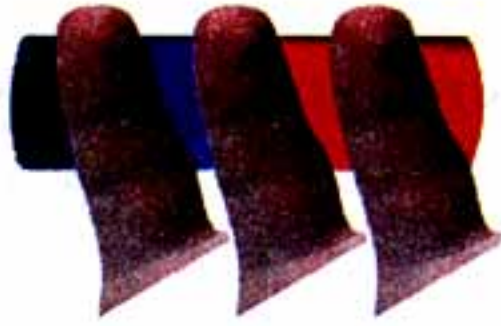
Estimate the length using finger
The length about = **3** cm
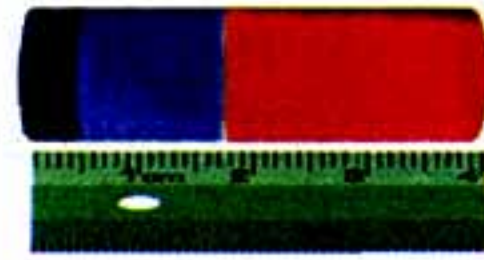
Using ruler to find the length
The length = **4** cm

Exercise 4 Estimate the perimeter of the figure then find the real perimeter :

The estimation		The real	
Side	**Length (cm)**	**Side**	**Length (cm)**
1		1	
2		2	
3		3	
4		4	
Perimeter		Perimeter	

The estimation		The real	
Side	**Length (cm)**	**Side**	**Length (cm)**
1		1	
2		2	
3		3	
Perimeter		Perimeter	

Primary ③ - Term 1

الصف الثالث الابتدائى | موقع ذاكرولى التعليمى | كتاب بكار

Self - check on lesson (41 , 42 ,43)

1 Find the length of each side then find the perimeter (**using ruler**) :

.... cm

...... cm

...... cm

...... cm
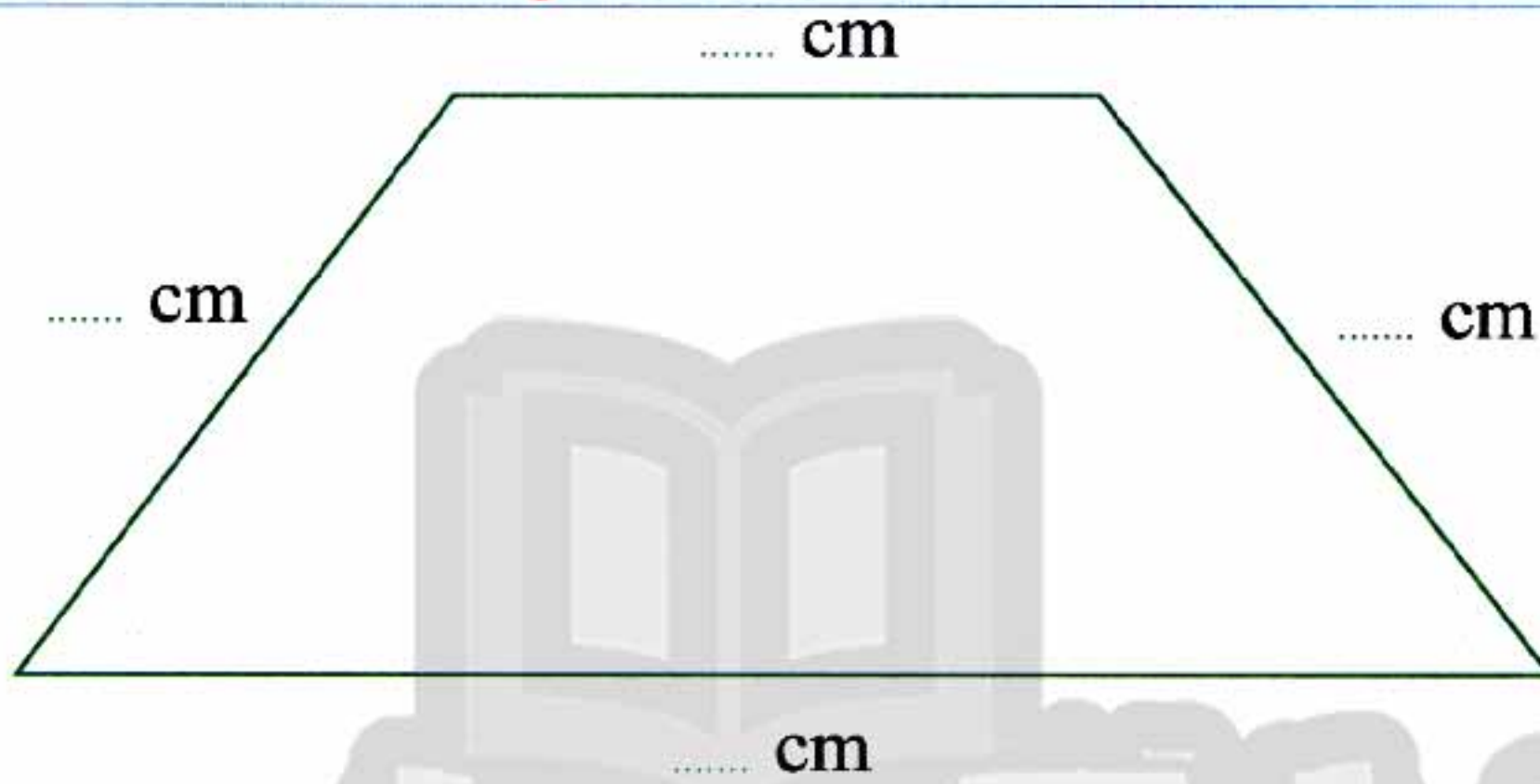
The perimeter = ... + ... + ... + ... = ... cm

2 Find the length of each side then find the perimeter (**using ruler**) :

...... cm

...... cm

...... cm

...... cm
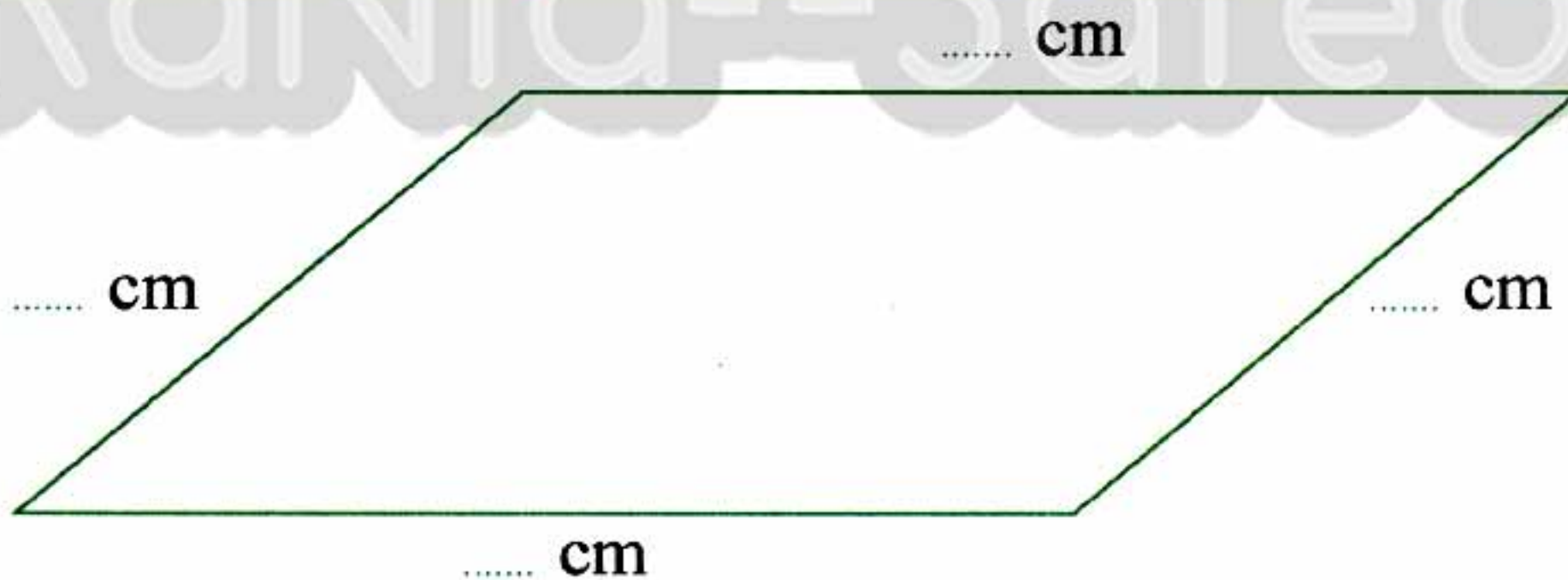
The perimeter = ... + ... + ... + ... = ... cm
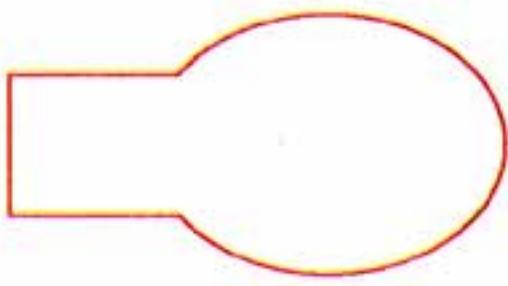
Bakkar Series

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BAKKAR **Perimeter and Area**

3 Circle the polygons :
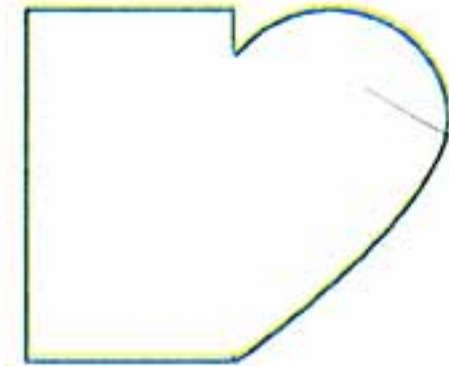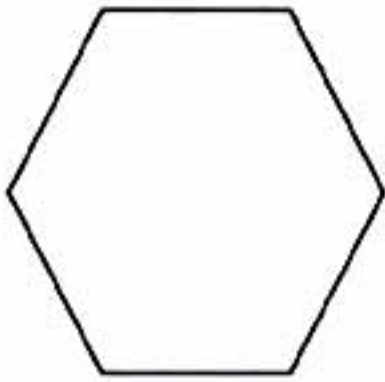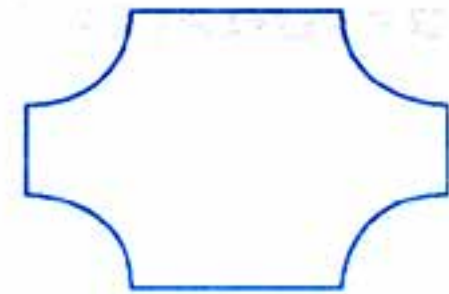
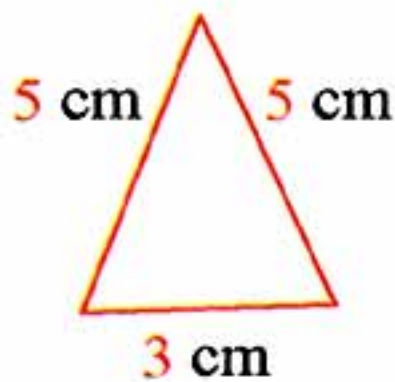**4** Find the perimeter for each polygon :

a
3 cm
3 cm
4 cm
5 cm

Perimeter = ... cm

b
5 cm   4 cm
3 cm   3 cm
6 cm

Perimeter = ... cm

c
5 cm   5 cm
3 cm

Perimeter = ... cm

d
5 cm
8 cm
4 cm
3 cm
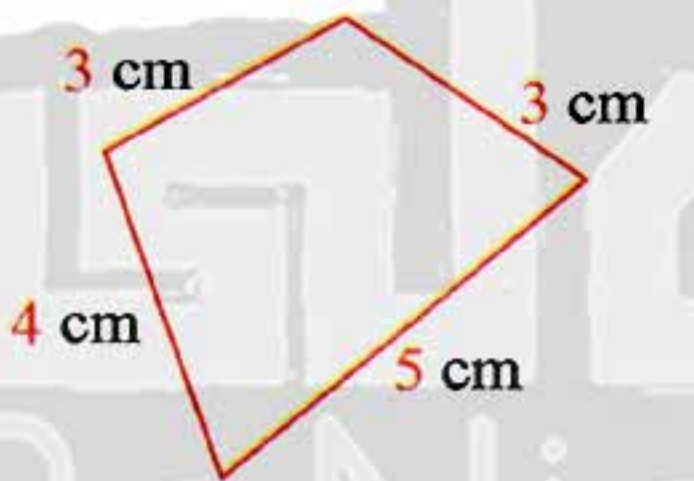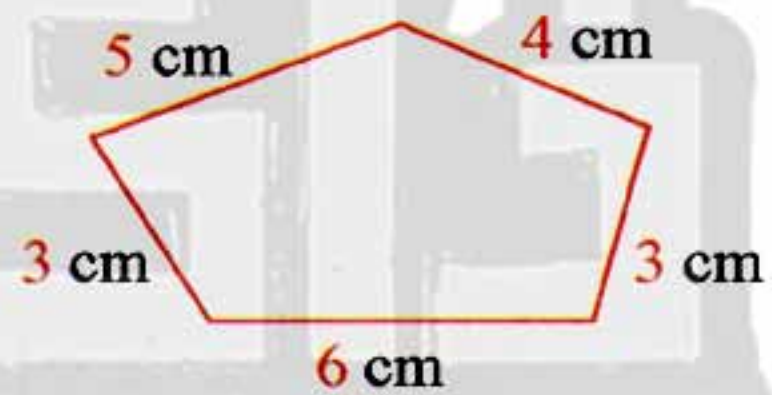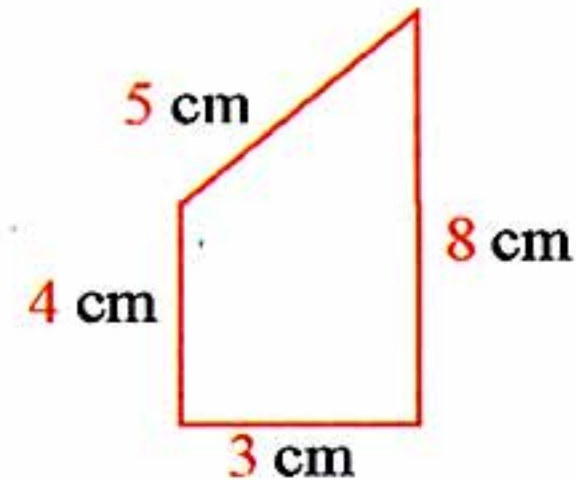
Perimeter = ... cm

** The ascending order of the perimeter :

.... , ... , ... , ...

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Primary ③ - Term 1

Lesson (44 , 45 , 46)

The diffrente between the perimeter and the area

Activity 1 — from the figure find the length of the fence :

Width = 4 m

Length = 6 m

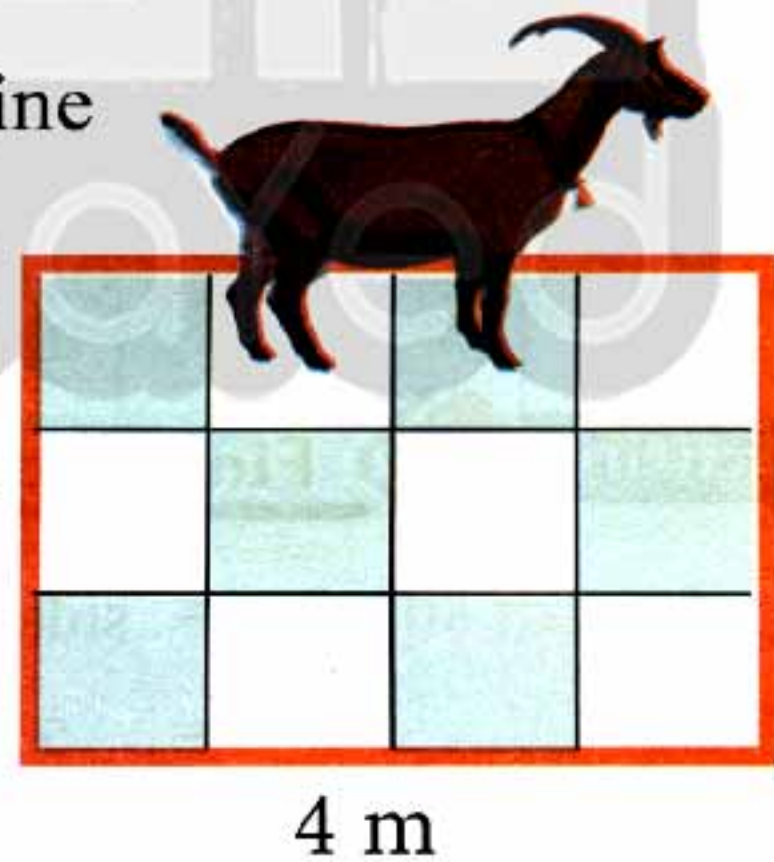The length of the fence (The perimeter) = 4 + 4 + 6 + 6 = 20 m

Activity 2 — Find the area and the perimeter of the following Hunger :

The perimeter : the length of the outer line

The perimeter (The length of the fence)
= 3 + 3 + 4 + 4 = 14 m

3 m

Area : number of units

Area (number of units) = 3 × 4
= 12 square meter

4 m

Deduction : The perimeter is linear measurement

But The area in not linear measurement

Bakkar Series

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BAKKAR

Perimeter and Area

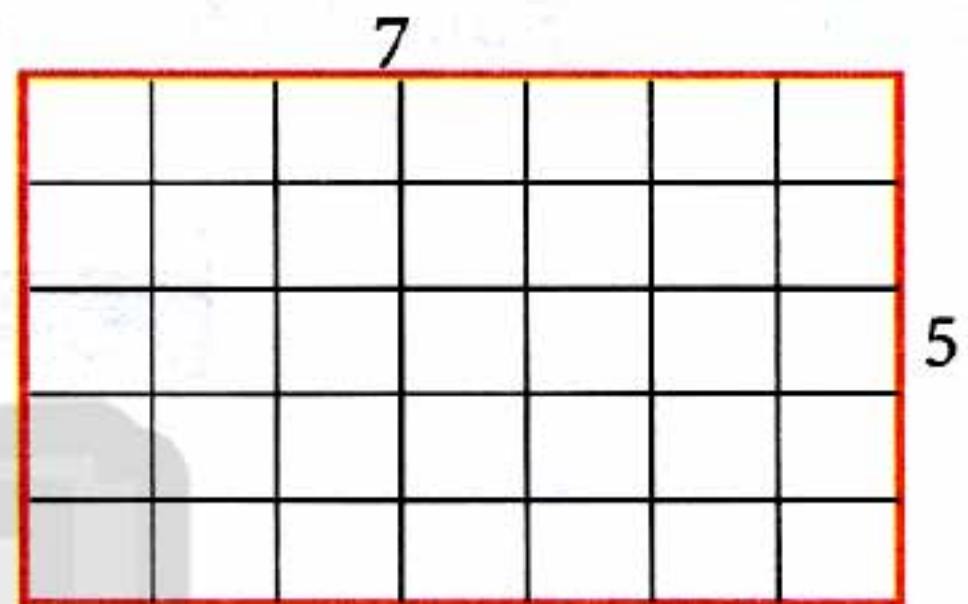## Strategies for finding Area of rectangle

Activity 3 **Find the area of the following rectangle :**

7

5

7

5

Number of units strategy

Area of rectangle = (No. units)

$= 35$ square units

Array strategy

Area of rectangle

$=$ No. rows $\times$ No. columns

$= 5 \times 7 = 35$ square units

Rule strategy

Area of rectangle $=$ length $\times$ width

$= 7 \times 5 = 35$ square units

So Area of rectangle $=$ Length $\times$ Width

Activity 4 **Find the area of the square :**

5 m

Area of square $=$ side length $\times$ it self

$= 5 \times 5$

$= \ldots\ldots\ldots$ square meter

5 m
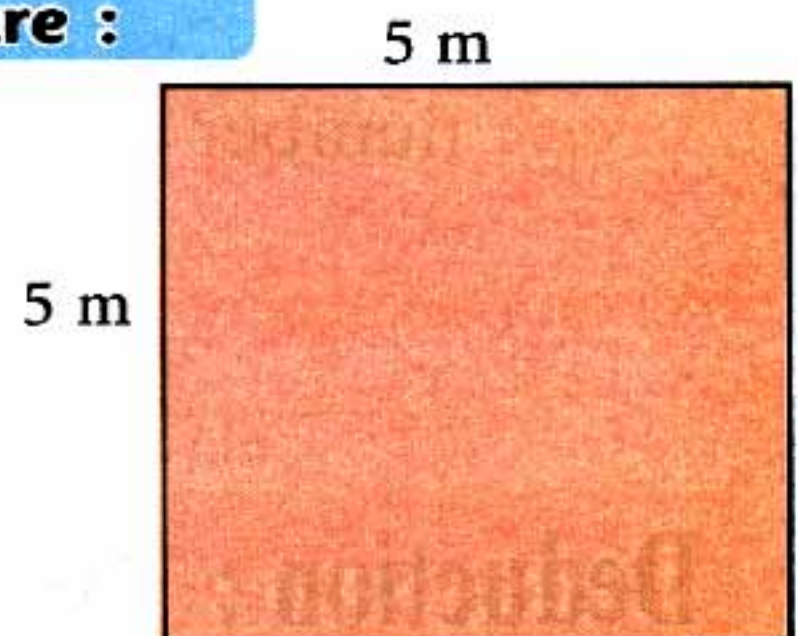
So Area of square $=$ side length $\times$ side length

Chapter 5

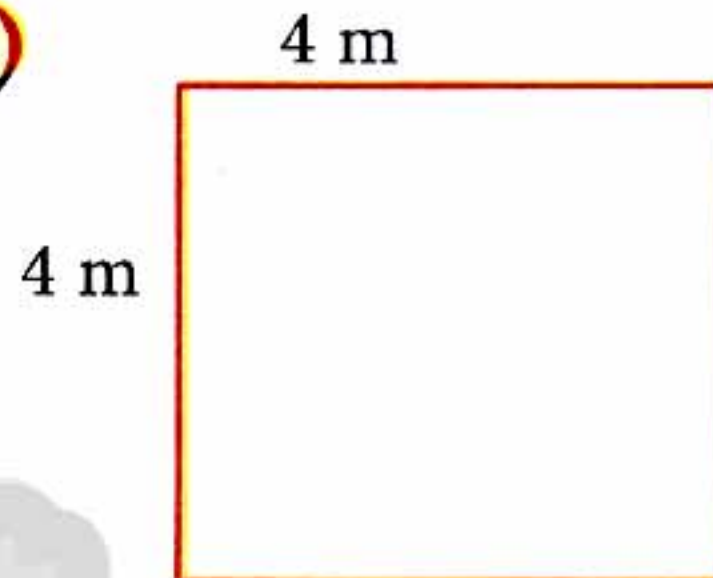**Exercise 1** — Find the perimeter and the area of the following :

a

3 m

5 m

The perimeter

= ...... + ... + ... + ... = ... m

Area of rectangle = L × W

= ...... × ......

= ...... square meter

b

4 m

4 m

The perimeter

= ...... + ... + ... + ... = ... m

Area of square

= side length × it self

= ...... × ...... = ... square meter

c

7 m

4 m

The perimeter

= ...... + ... + ... + ... = ... m

Area of rectangle = L × W

= ...... × ......

= ...... square meter

d

3 m

3 m

The perimeter

= ...... + ... + ... + ... = ... m

Area of square

= side length × it self

= ...... × ...... = ... square meter

Bakkar Series

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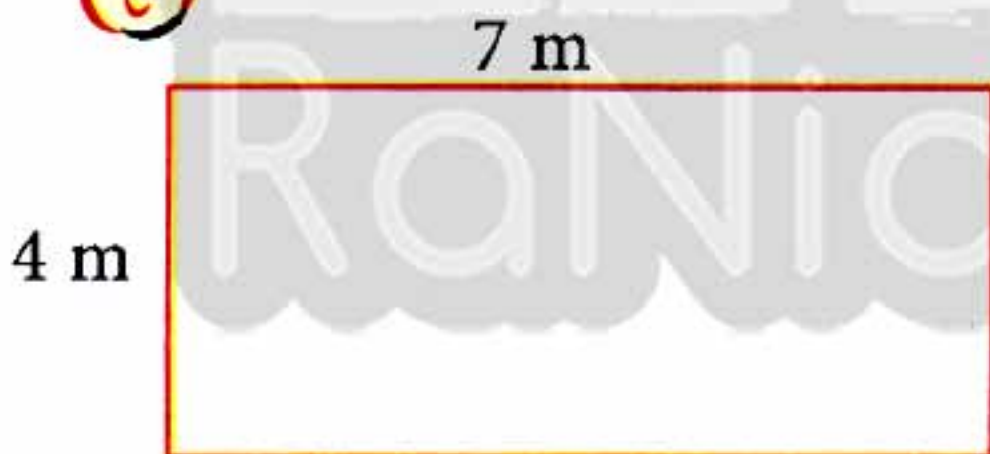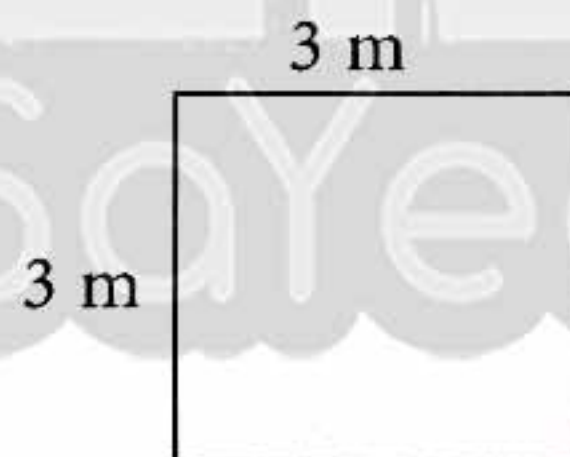
BAKKAR

Perimeter and Area

Activities from Math Journal

Activity 5 Find the perimeter and the area of the following :

The perimeter (The length of the fence)

= ...... + ... + ... + ...

= ...... m

The area (number of squares)

= ...... × ......
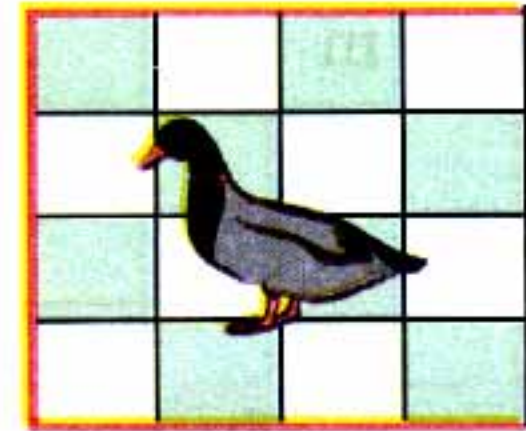
= ...... square meter

4 m

4 m

Activity 6 Find the perimeter and the area of the following :

The perimeter (The length of the fence)

= ...... + ... + ... + ...

= ...... m

The area (number of squares)

= ...... × ......

= ...... square meter

3 m

9 m

Activity 7 Find the perimeter and the area of the following :

The perimeter (The length of the fence)

= ...... + ... + ... + ...

= ...... m

The area (number of squares)

= ...... × ......

= ...... square meter

3 m

5 m

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Primary ③ - Term 1

Self - check on lesson (44 , 45 , 46)

1 Find the perimeter and the area of the following :
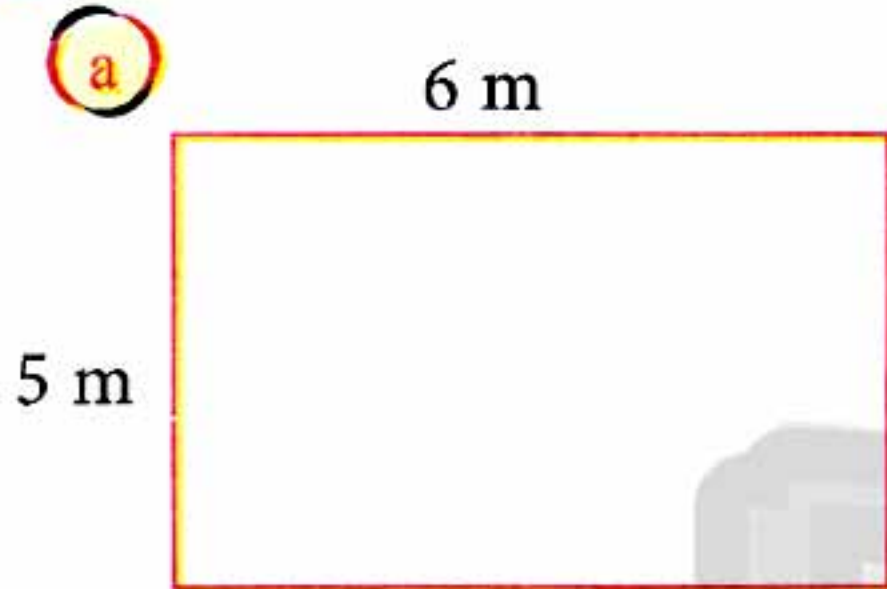
a

6 m

5 m

The perimeter

= ...... + ... + ... + ... = ... m

Area of rectangle = L × W

= ...... × ......

= ...... square meter

b

5 m

5 m

The perimeter

= ...... + ... + ... + ... = ... m

Area of square

= side length × it self

= ...... × ...... = ... square meter

c

2 m

6 m

The perimeter

= ...... + ... + ... + ... = ... m

Area of rectangle = L × W

= ...... × ......

= ...... square meter

d

7 m

7 m

The perimeter

= ...... + ... + ... + ... = ... m

Area of square

= side length × it self

= ...... × ...... = ... square meter

Bakkar Series

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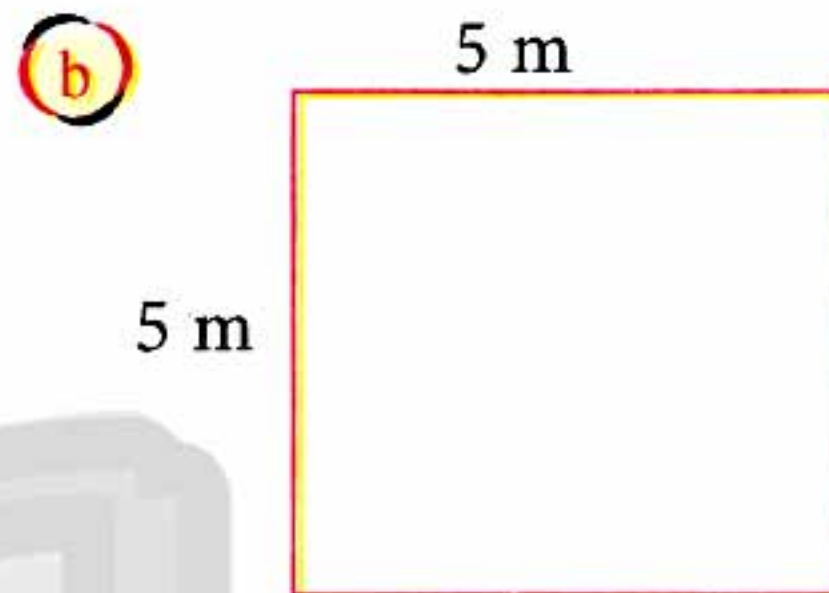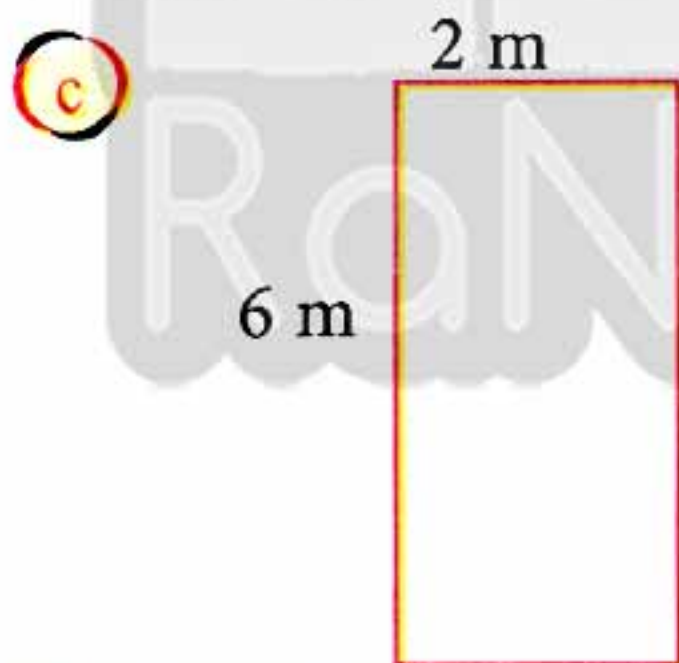
BAKKAR

Perimeter and Area

2 Which is the greater in area ?

8 m

5 m   Fig 1

The area = ... square meter

8 m

3 m   Fig 2
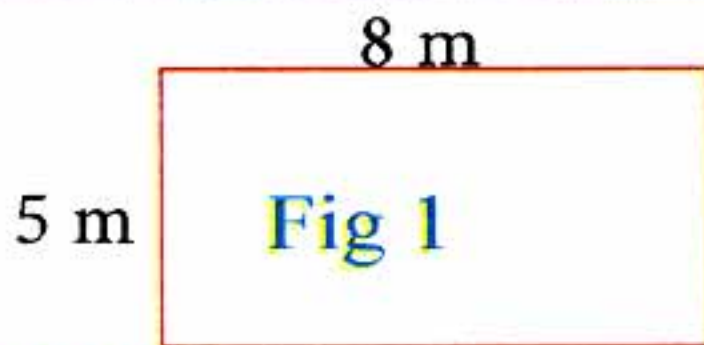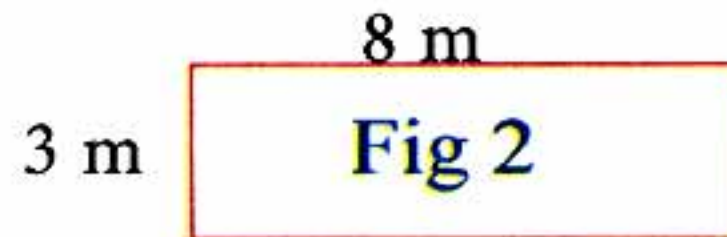
The area = ... square meter

The greatest in area : ....

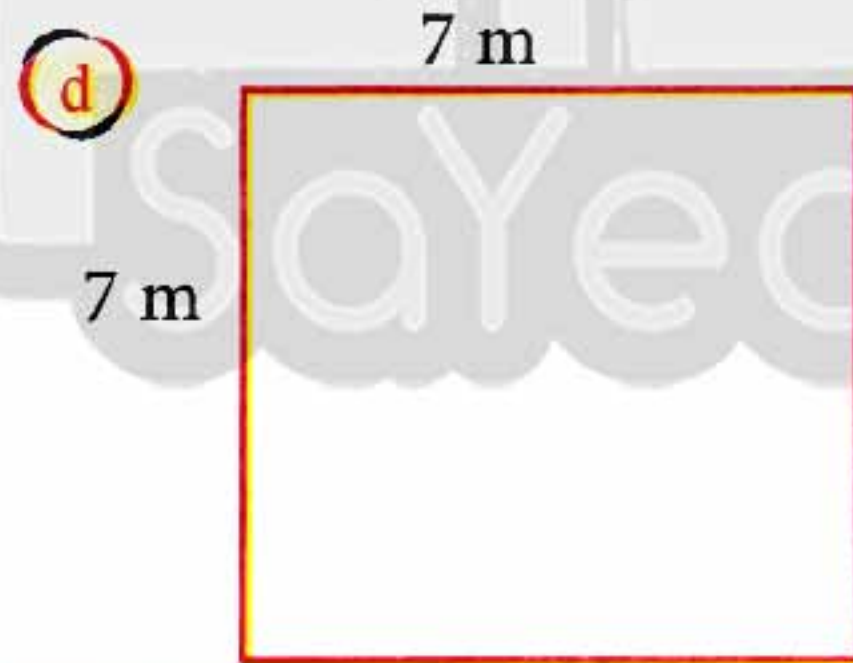**3** Find the difference between the area of the following :

7 m

4 m   Fig 1

The area = ... square meter

4 m

4 m   Fig 2
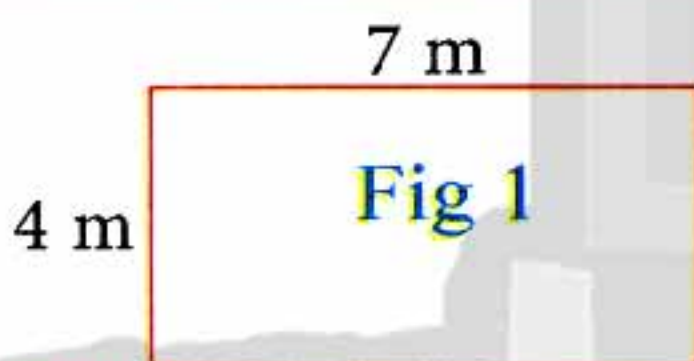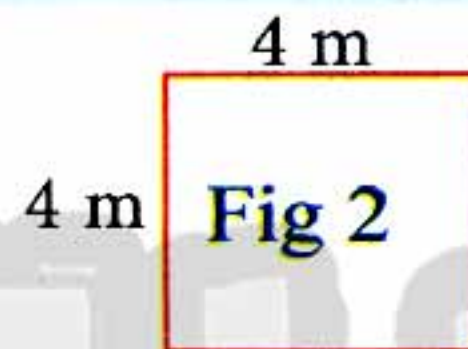
The area = ... square meter

The difference between the area = ... - ...... = ... square meter

4 Arrange the following figures according to its area ascendingly :

Fig **1**   Fig **2**   Fig **3**   Fig **4**

The order = ... , ... , ... , ...

5 Find the area of the following :

3 m

3 m

3 m

6 m

Area of square   = ... × ...... = ... square meter

Area of rectangle = ... × ...... = ... square meter

Area of figure   = ... + ... = ... square meter

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Primary ③ - Term 1
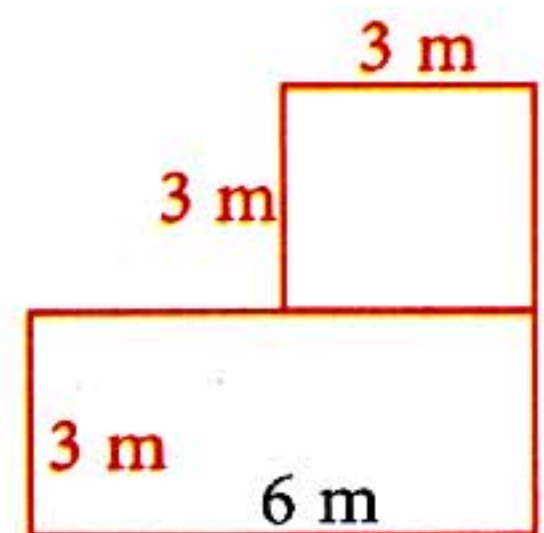
Lesson (47 , 48 , 49)
Solving story problems

Activity 1 Complete :   Math Journal

(a) $27 \div 3 = \ldots$

(b) $44 \div 11 = \ldots$

(c) $36 \div 9 = \ldots$

(d) $48 \div 12 = \ldots$

(e) $21 \div 3 = \ldots$

(f) $36 \div 6 = \ldots$

Activity 2 Find the perimeter and the area of the following :

8 m

1 m

2 m

4 m
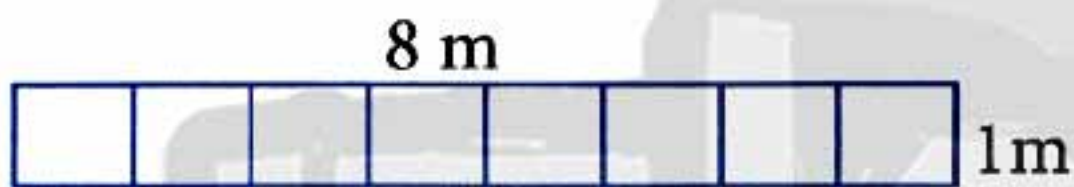
The perimeter $= 1 + 1 + 8 + 8 = 18$ m

The area $= 1 \times 8 = \ldots$ square meter
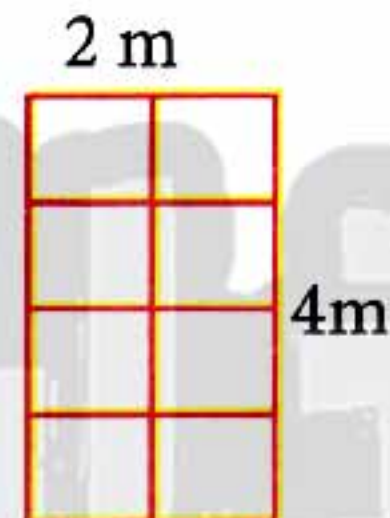
The perimeter $= 4 + 4 + 2 + 2 = 12$ m

The area $= 4 \times 2 = 8$ square meter

Notice   the two rectangle have the same area but different perimeter

Exercise 1   Shade two rectangle with area 6 units and with different perimeter

The perimeter = ... + ... + ... + ...

= .... m

The perimeter = ... + ... + ... + ...

= .... m
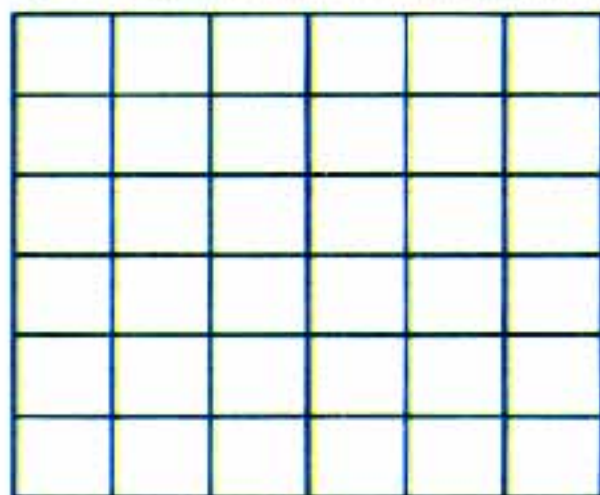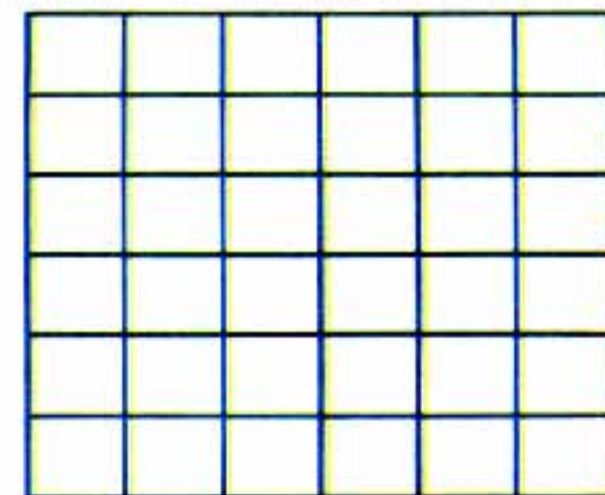
Bakkar Series   175

BAKKAR

Perimeter and Area

Activity 3 Find the perimeter and the area of the following :
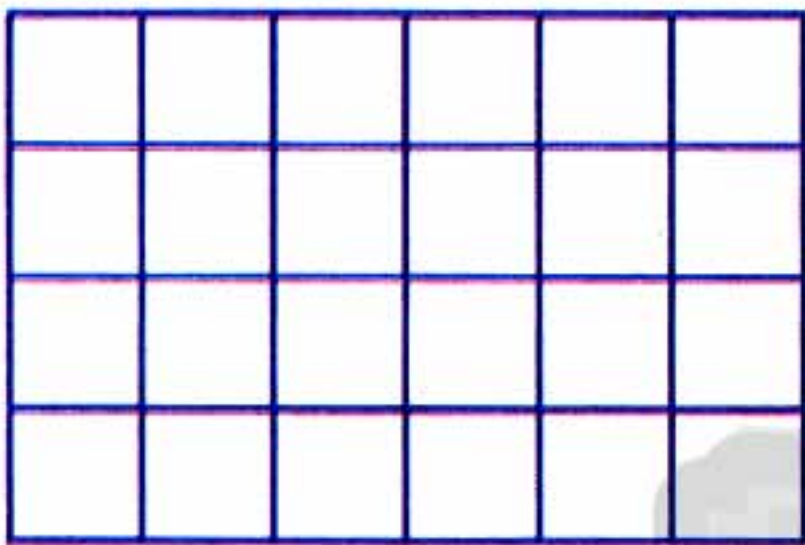
The perimeter = ... + ... + ...+ .....

= .... m

The area = 4 × ....

= ...... square meter

The perimeter = ... + ... + ...+ .....

= .... m
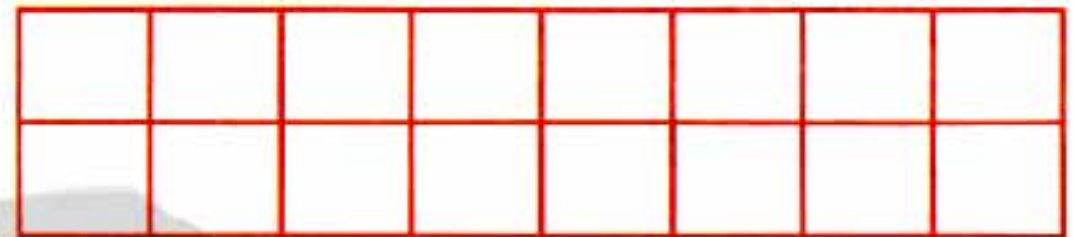
The area = 2 × ....

= ...... square meter

Notice   The two rectangle have the same perimeter and different area

Exercise 2   Shade two rectangle with perimeter 14 m but have different area :
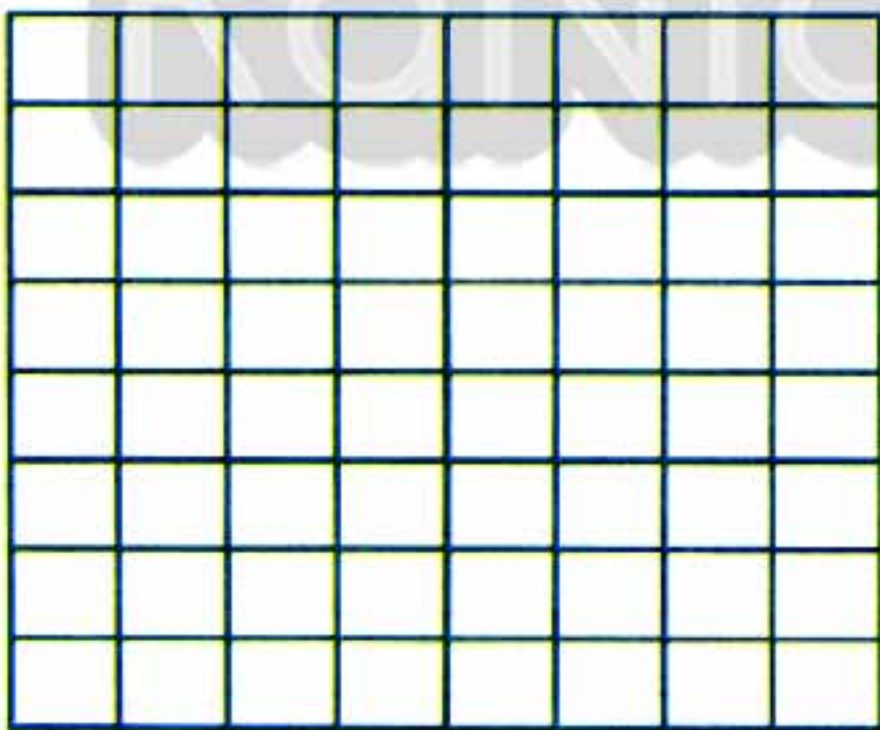
The area = ... × ......

= ...... square meter

The area = ... × ......

= ...... square meter

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Primary ③ - Term 1
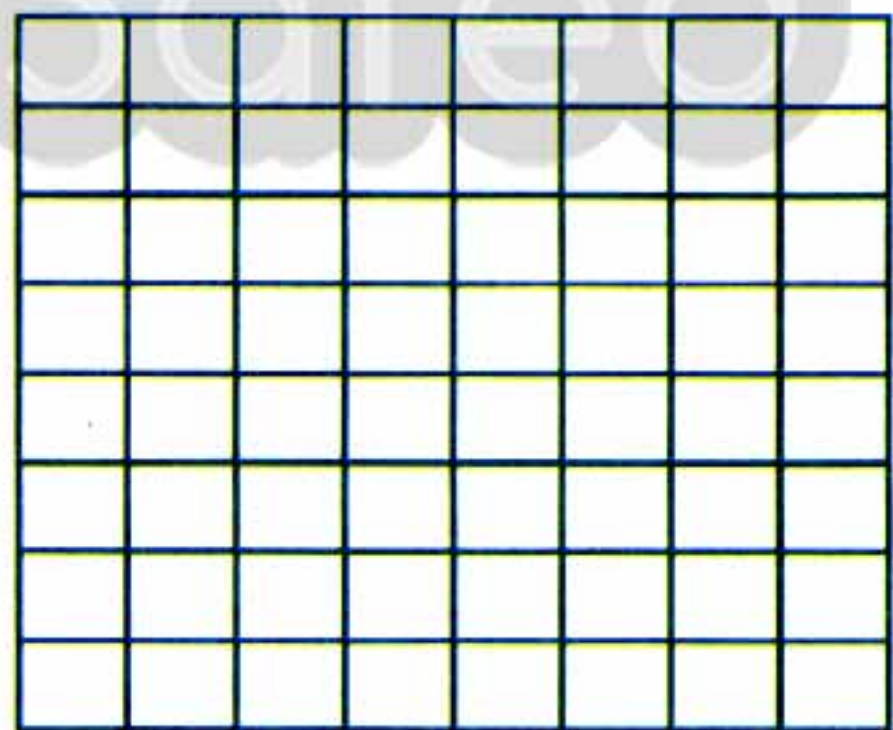
Chapter 5

Activities from Math Journal

Activity 4

Shaimaa is sewing a border on a square baby blanket. The length of the blanket is 45 centimetres and the width is 45 centimetres. How long will the border be?

Notice : The length equal the perimeter

The perimeter = ... + ... + ... + ...

= .... m

45 m

45 m

Activity 5

Farouk is building a patio. He wants the length of the patio to be 7 tiles and its width to be 6 tiles. How many tiles will he use in all to build the patio ?

Notice : The number of tiles = the area

The area = ... × ......

= ...... tiles
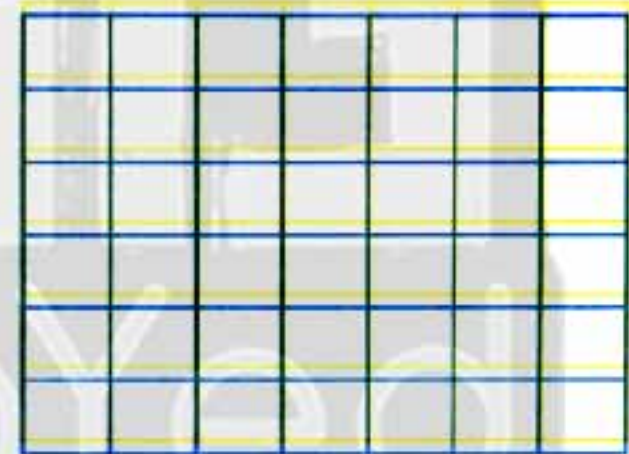
Activity 6

Omnia wants to put a wooden trim around her window. The window is 4 meters tall and 1 meter wide. How long the wood does she need for the trim ?

Notice : The length is the perimeter

The perimeter = ... + ... + ... + ...

= .... m
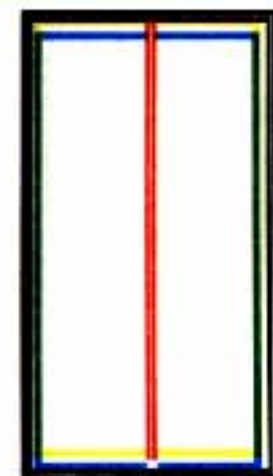
4 m

1 m

Bakkar Series

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Self - check on lesson (47 , 48 ,49)

1 Shade two rectangles with area **24** units and with different perimeters :
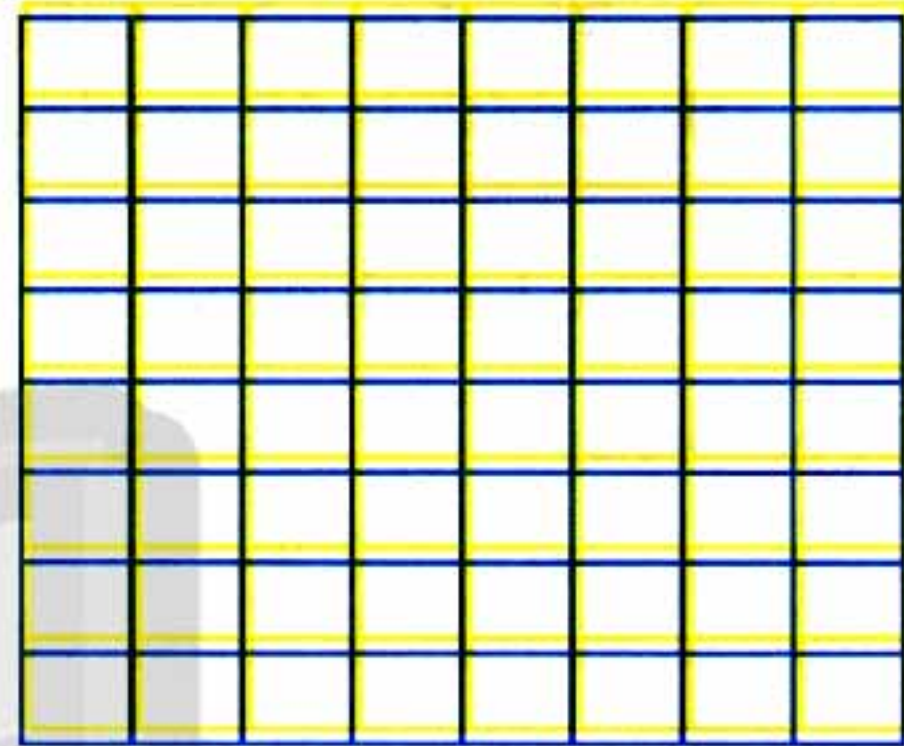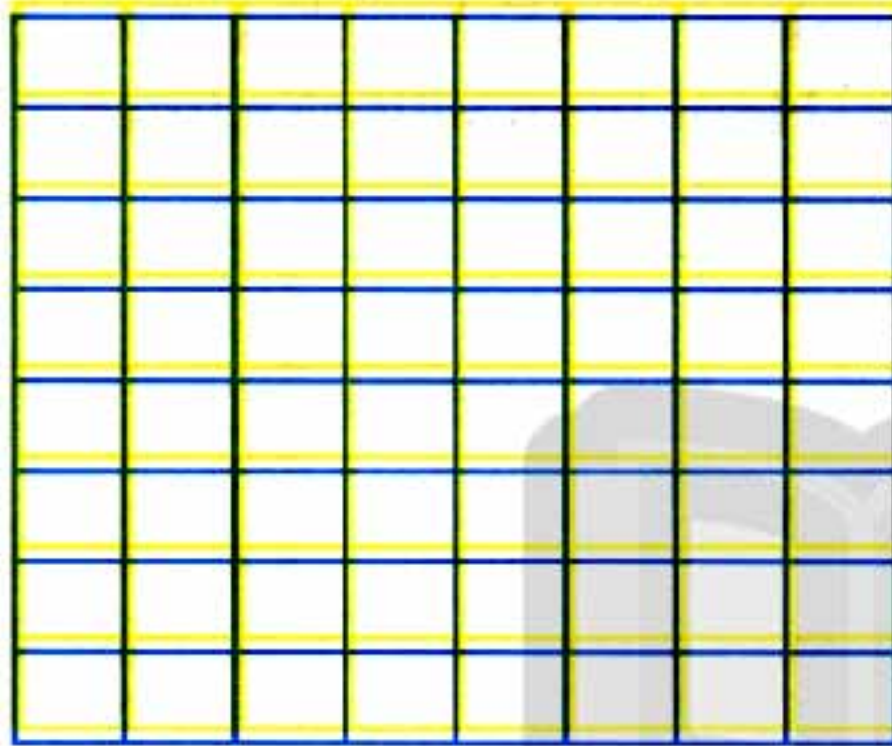
2 Shade two rectangles with perimeters **8** units and with different area :
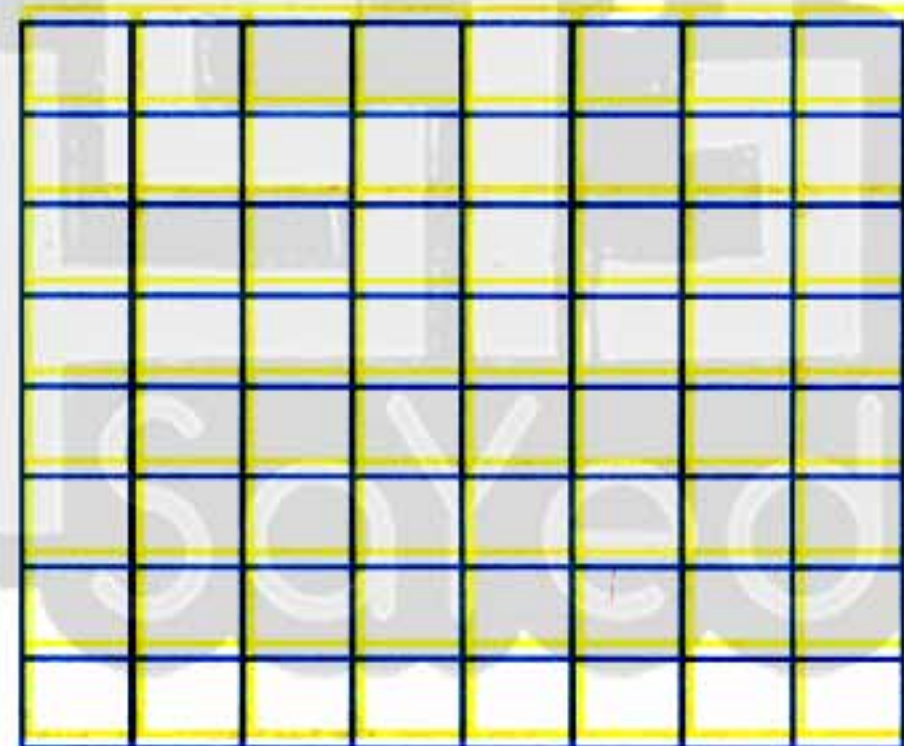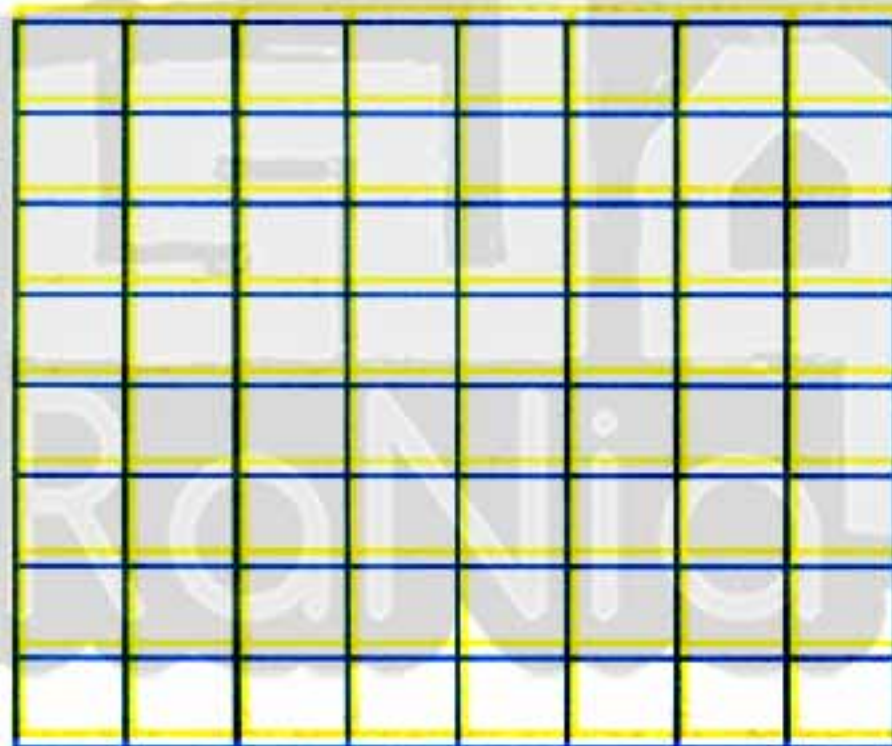
3 A farmer is building a fence around his garden. If the garden is **8** meters long and **3** meters wide .
How long fencing does he need to buy ?

The fence length = The perimeter

= ..... + ... + ...+ .....

= .... m

8 m

3 m

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Primary ③ - Term 1

Activities from Math Journal

4 Aisha is building a fence around her garden. If the garden is **6** meters long and **5** meters wide, how long fencing does she need to buy ? and what is its area ?

The fence length = The perimeter

= ..... + ... + ... + ...

= .... m

The area = ... × ..... = ... square meter

6 m

5 m
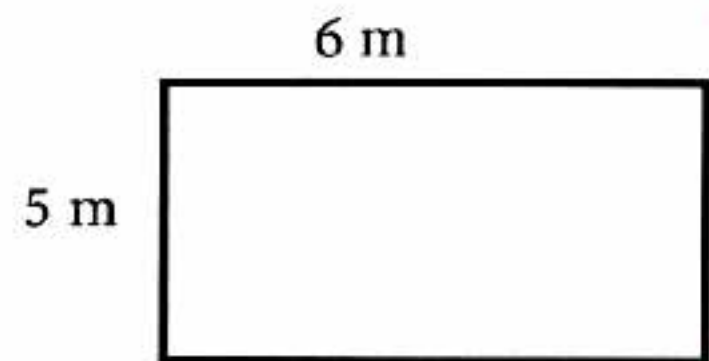
5 A rug is **3** meters long and **2** meters wide .
What is the area of the rug ?

The area of the rug = ... × .....

= ..... square meter

2 m

3 m

6 Ahmad puts a carpet in the room. The length of the room is **6** meters and its width is **3** meters. How many square meters of carpet does Ahmed need to buy to cover the floor ?

The area = ... × .....

= .... square meter

6 m

3 m

Bakkar Series

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Lesson (50)

Multiplying a number by a multiple of 10

Activity 1 Colour the multiples of number 10 on the chart:

Strategy 1

111	112	113	114	115	116	117	118	119	120
101	102	103	104	105	106	107	108	109	110
91	92	93	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90
71	72	73	74	75	76	77	78	79	80
61	62	63	64	65	66	67	68	69	70
51	52	53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

Activity 2 Notice skip-count by 10s : **Strategy 2**

0 10 20 30 40 50 60 70 80 90 100
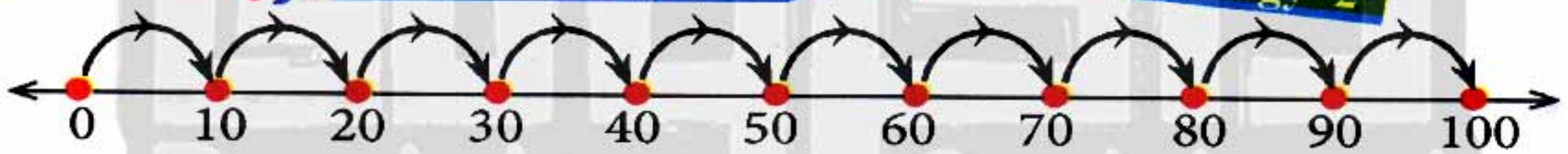
Activity 3 Notice the stick of 10 : **Strategy 3**

10 = 1 × 10   20 = 2 × 10   30 = 3 × 10   40 = 4 × 10

Activity 4 Notice the multiples of 10 by array : **Strategy 4**

The number of rows ......

The number of columns ......

The total number = number of rows × number of columns × = 3 × 10 = 30

That is , we write the number 3 and then put zero on the right of it

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Primary ③ - Term 1

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Chapter 5

Exercise 1 | Complete multiplication facts of 10 : | Strategy 5

$\times$ 10	0	1	2	3	4	5	6	7	8	9
	0	....	....	30	....	....	....	....	80	....

Activity 5 Use one strategy to find 3×70 :

The solution :

Stick of 10 strategy

| | | | | | | | | | | | | | | | | | | | | |

70   70   70

Repeated addition strategy $3 \times 70 = 70 + 70 + 70 = 210$
write 0 then the product of 3×7

Multiples of 10 strategy $3 \times 70 = 3 \times 7 \times 10 = 21 \times 10 = 210$
write 21 then put 0 at its right 21

Exercise 2 | Draw sticks to show the product of the following as EX :

Math Journal

3×50 | 4×40 | 6×30

| | | | | | | | | | |

50   50

| | | | |

50

$3 \times 50 =$
$50 + 50 + 50 = 150$
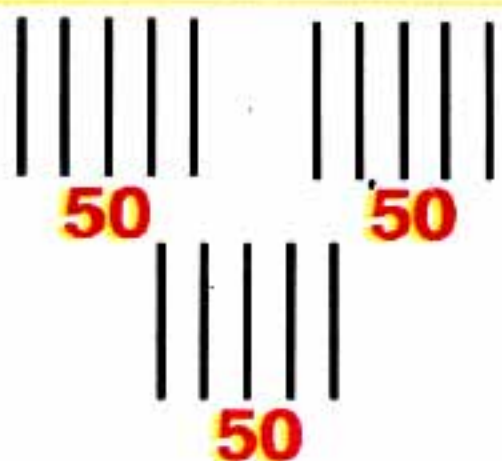
Bakkar Series

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Self – check on lesson (50)

1 Complete as in (a) :

(a) $5 \times 10 = \mathbf{10} \times 5 = \mathbf{50}$ (b) $7 \times \underline{\hspace{1cm}} = 10 \times \underline{\hspace{1cm}} = 70$

(c) $\underline{\hspace{1cm}} \times 10 = 10 \times \underline{\hspace{1cm}} = 0$ (d) $2 \times \underline{\hspace{1cm}} = 10 \times \underline{\hspace{1cm}} = $

(e) $1 \times \underline{\hspace{1cm}} = 10 \times \underline{\hspace{1cm}} = 10$ (f) $10 \times 9 = 9 \times \underline{\hspace{1cm}} = $

(g) $4 \times 10 = 10 \times \underline{\hspace{1cm}} = $ (h) $3 \times \underline{\hspace{1cm}} = 10 \times 3 = $

2 Complete as in (a) :

(a) $6 \times 30 = \underline{\hspace{1cm}}$

The solution : $6 \times 30 = 180$ (Put 0 the write the product of 6×3)

(b) $5 \times 70 = \underline{\hspace{1cm}}$ (c) $40 \times 4 = \underline{\hspace{1cm}}$

(d) $20 \times 8 = \underline{\hspace{1cm}}$ (e) $90 \times 0 = \underline{\hspace{1cm}}$

(f) $90 \times 1 = \underline{\hspace{1cm}}$ (g) $9 \times 80 = \underline{\hspace{1cm}}$

(h) $60 \times 8 = \underline{\hspace{1cm}}$ (i) $10 \times 90 = \underline{\hspace{1cm}}$

3 Complete as in (a) :

(a) $80 \times 4 = 8 \times \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$ **The solution** : $80 \times 4 = 8 \times 40 = 320$

(b) $60 \times 3 = 6 \times \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$ (c) $90 \times 6 = 9 \times \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

(d) $70 \times 5 = \underline{\hspace{1cm}} \times 50 = \underline{\hspace{1cm}}$ (e) $6 \times 40 = 60 \times 4 = \underline{\hspace{1cm}}$

(f) $20 \times 8 = 2 \times \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$ (g) $7 \times 80 = \underline{\hspace{1cm}} \times 8 = \underline{\hspace{1cm}}$

(h) $90 \times 9 = \underline{\hspace{1cm}} \times \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$ (i) $60 \times 1 = 6 \times \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

Primary 3 - Term 1

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Chapter 5

4 Complete as in (a) :

a   10 × 132 = ...

The solution :   10 × 132 = 1320   (write the number 132 and write 0 at its right)

b   10 × 152 = ...   **c**   237 × 10 = ...

d   208 × 10 = ...   **e**   444 × 10 = ...

f   175 × 10 = ...   **g**   724 × 10 = ...

h   750 × 10 = ...   **i**   395 × 10 = ...

5 Complete as in (a) :

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https://www.zakrooly.com

a   34 × 100 = 3400

The solution : 34 × 100 = 3400   (write the number 34 and write 00 at its right)

b 79 × 100 = ...   **c** 100 × 15 = ...   **d** 25 × 100 = ...

e 150 × 100 = ...   **f** 54 × .... = 5400   **g** .... × 100 = 700

h 100 × .... = 16000   **i** 240 × .... = 24000   **j** 28 × .... = 2800

k 256 × 100 = ...   **l** 1123 × 100 = ...   **m** 400 × 100 = ...

6 Use stick of 10 find the following the first done for you:

5 × 30	2 × 70	3 × 60

30   30   30

30   30

3 × 50 = 150
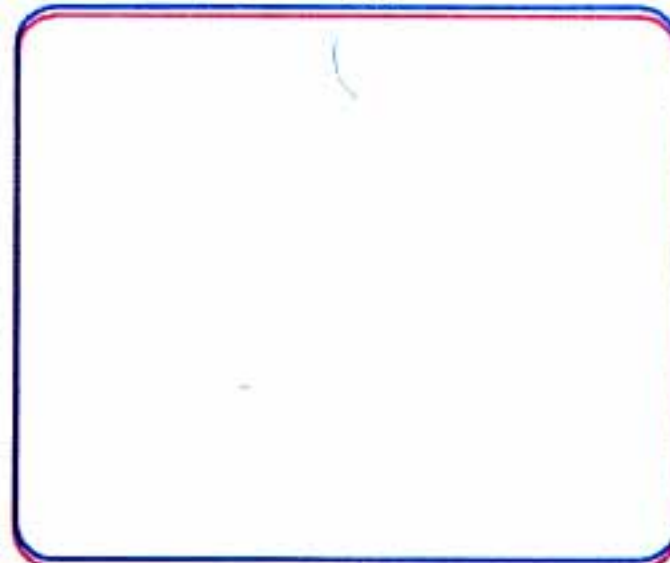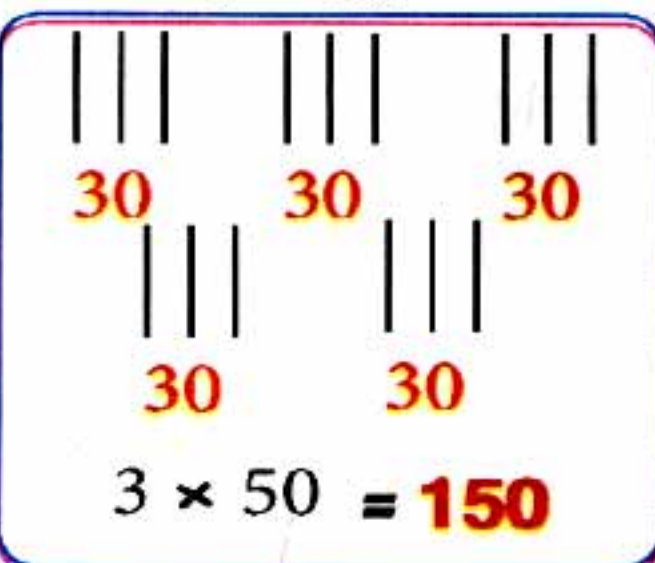
Bakkar Series

(183)

Self - check **1**   Chapters **5**

1 Complete as in (a) :

(a) $7 \times 10 = \mathbf{10} \times 7 = \mathbf{70}$

(b) $6 \times \underline{\quad} = 10 \times \underline{\quad} = 60$

(c) $\underline{\quad} \times 10 = 10 \times \underline{\quad} = 30$

(d) $4 \times \underline{\quad} = 10 \times \underline{\quad} = $

(e) $5 \times \underline{\quad} = 10 \times \underline{\quad} = $

(f) $10 \times 1 = 1 \times \underline{\quad} = $

(g) $9 \times 10 = 10 \times \underline{\quad} = $

(h) $2 \times \underline{\quad} = 10 \times 2 = $

2 Find the perimeter and the area of the following :
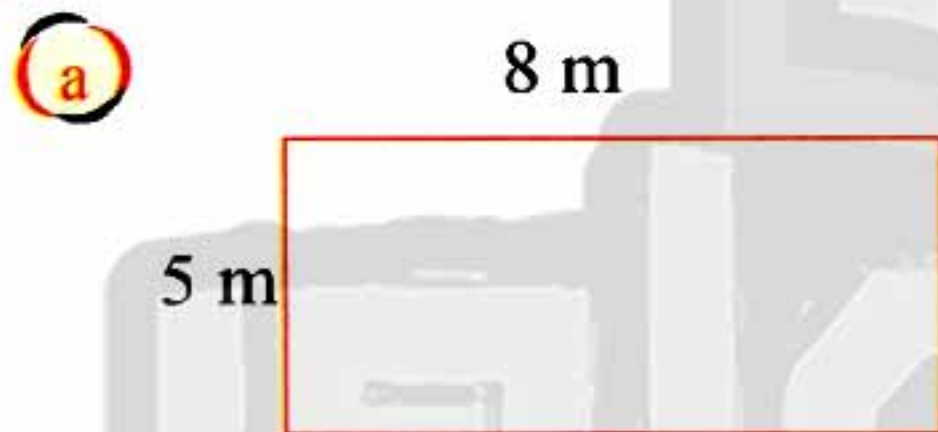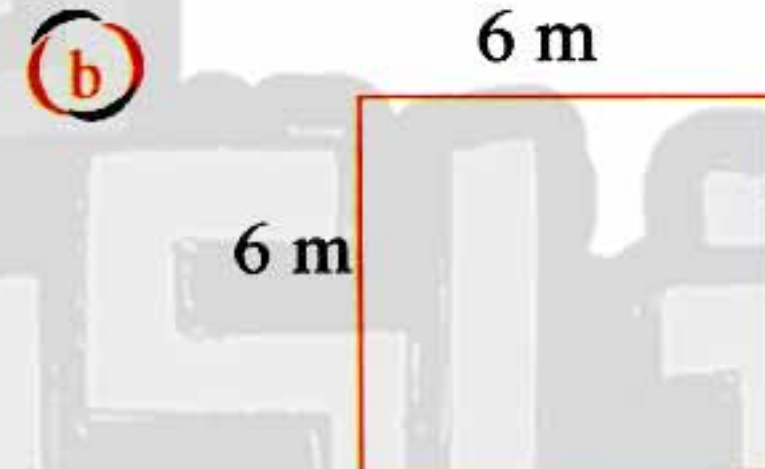
(a)

8 m

5 m

The perimeter = ... + ... + ...+ ....

= .... m

The area = ... × ......

= ...... square meter

(b)

6 m

6 m

The perimeter = ... + ... + ...+ ....

= .... m

The area = ... × .....

= ..... square meter

3 Find the perimeter and the area of the following :

Math Journal

The perimeter = ... + ... + ...+ .....

= .... m

The area = ... × .....

= ..... square meter

5 m

9 m

Primary 3 - Term 1

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Self - check 2 Chapters 1,2,3,4,5

1 Complete as in (a) :

(a) $(5 + 2) \times 10 =$ ....   (7 , 70 , 700)

(b) 3 m = ... cm   (30 , 300 , 3000)

(c) The time ⏰ is ......   (9 : 05 , 9 : 50 , 1 : 45)

(d) The value of (2) in 72 569 is ......   (2 , 20 , 2000)

(e) $49 \div 7 =$ ......   (7 , 9 , 42)

2 Find the difference between the area of the following :
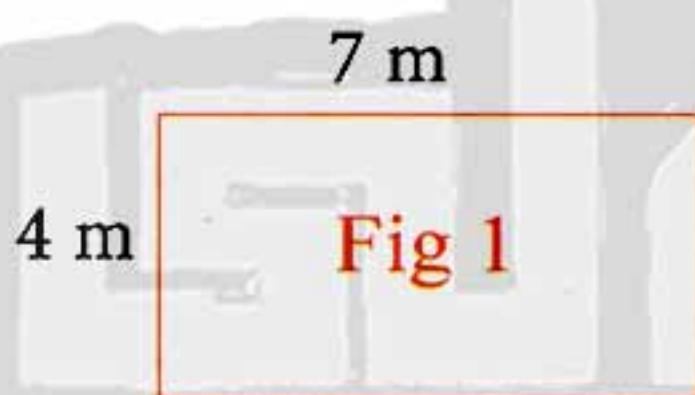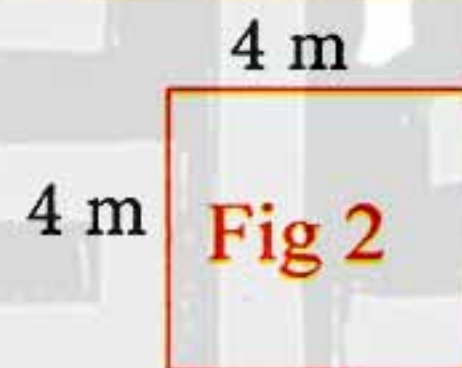
7 m

4 m Fig 1

4 m

4 m Fig 2

The area = ... square meter   The area = ... square meter

The difference between the area = ... - ...... = ... square meter

3 Find the perimeter of the following :

5 m

4 m

7 m

3 m

4 m

7 m

3 m

3 m

4 m   4 m
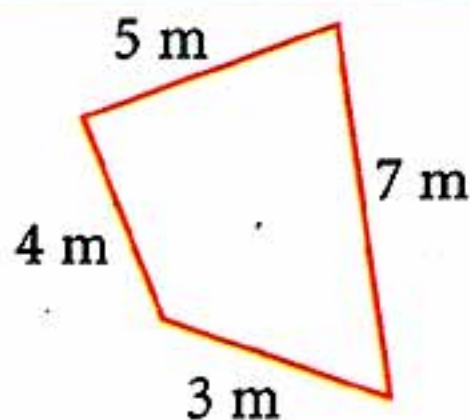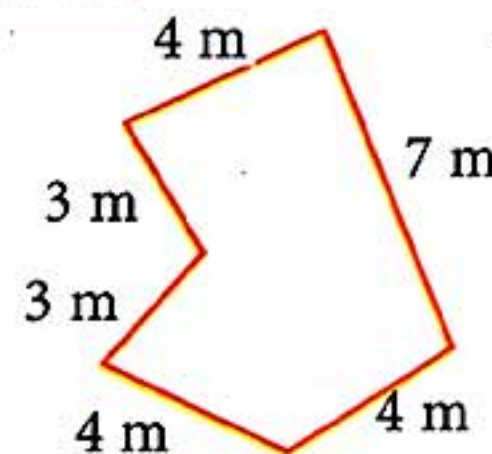
The perimeter = ... m   The perimeter = ... m

For more exercises follow the Bakkar Self- check page (210)

Bakkar Series

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Chapter 6

Strategies and applications

Key Vocabulary

Factorization	التحليل	Difference	ناتج الطرح
Automatic addition facts	حقائق الجمع التلقائية	Realization	إدراك
Bows	أقواس	Regroup	إعادة التجميع
Capacity	السعة	Reversed operation	عمليات عكسية
Comparison	مقارنة	Subtrahend	المطروح منه
Data	البيانات	Addition	الجمع
Hundreds	خانة المئات	Tables	الجداول
Liter	لتر	Ten thousands place	خانة عشرات الآلاف
Mathematical Facts	الحقائق الرياضية	Tens place	خانة العشرات
Multiplication facts	حقائق الضرب	Hundred thousands	خانة مئات الآلاف
Number	رقم	Ones place	خانة الآحاد
The sum	ناتج الجمع	The value	القيمة
		Thousand place	خانة الآلاف

Content

- Bakkar Self-Check On each Chapter
- Bakkar Self-Check On each lesson
- Exercise inspired by Math Jornal
- Exercise inspired by Discover Book

Lesson (51 , 52 , 53)

Multiplying by 9 strategies

Activity 1 Complete the following as EX :

EX $10 = 1 \times 10$

$20 = \quad \times$

$30 = \quad \times 10$

$40 = 4 \times$

$50 = \quad \times 10$

$60 = 6 \times$

$70 = \quad \times 10$

$80 = \quad \times$

$90 = \quad \times$

Activity 2 Complete the following as in (a) :

(a)
$2 \times 3 = 6$
$2 \times 30 = 60$
$2 \times 300 = 600$
$2 \times 3000 = 6000$

(b)
$5 \times 3 =$
$5 \times 30 =$
$5 \times 300 =$
$5 \times 3000 =$

(c)
$6 \times 6 =$
$6 \times 60 =$
$6 \times 600 =$
$6 \times 6000 =$

Activity 3 Complete the multiplying by the multiples of 10 as in (a) :

(a) $3 \times 40 = 3 \times 4 \times 10 = (3 \times 4) \times 10 = 12 \times 10 = 120$

(b) $8 \times 50 = 8 \times \quad \times 10 = (5 \times \quad) \times \quad = \quad \times 10 =$

(c) $6 \times 20 = 6 \times 2 \times \quad = (6 \times \quad) \times 10 = \quad \times 10 =$

(d) $7 \times 30 = 7 \times \quad \times 10 = (7 \times \quad) \times \quad = \quad \times 10 =$

(e) $5 \times 40 = 5 \times 4 \times \quad = (5 \times \quad) \times 10 = \quad \times 10 =$

(f) $9 \times 60 = 9 \times 6 \times \quad = (9 \times \quad) \times 10 = \quad \times 10 =$

Bakkar Series

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BAKKAR

Strategies and applications

Multiplying by 9 strategies

First : Finger trick strategy   This method is valid only with the number 9

Second Third Fourth Fifth   Seventh Eighth Ninth Tenth
First   Sixth   Tenth
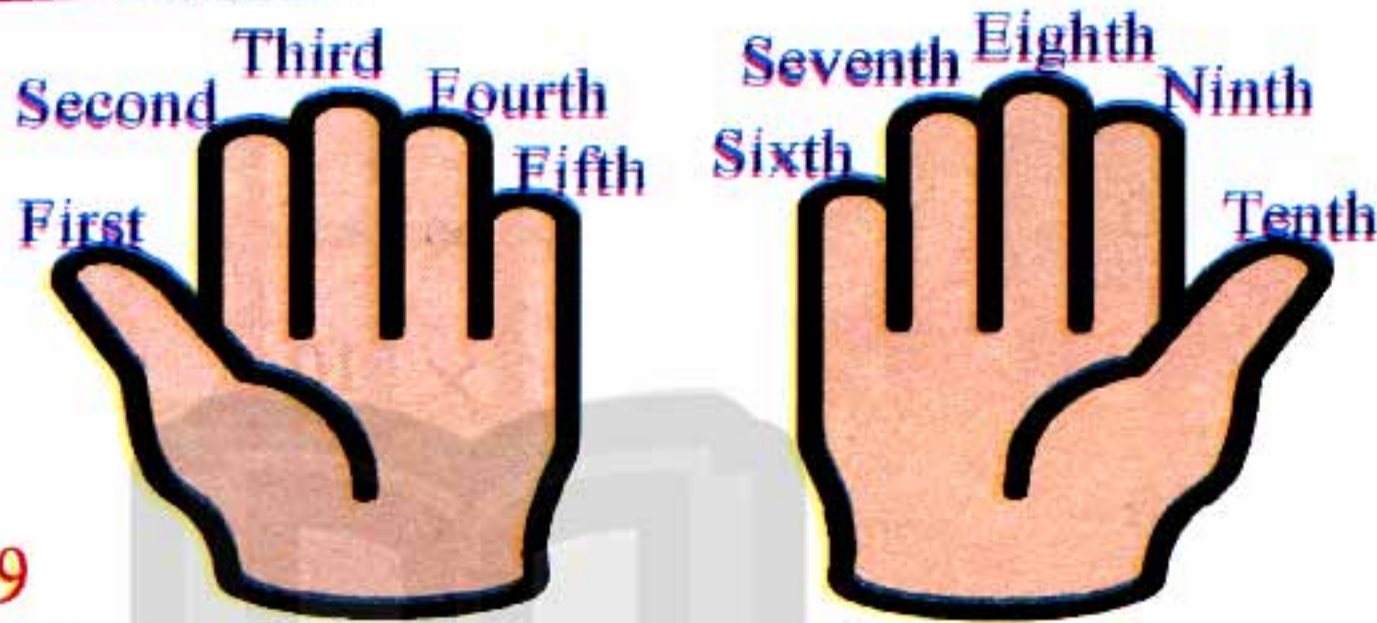
- The first factor is 9
  - The order of the flexor finger is the second factor

Ones 8
Tens 1

The product :
- The fingers at the left of the flexor finger is the tens .
- The fingers at the right of the flexor finger is the ons .

$9 \times 2 = 18$

The shape	First factor	Second factor	The result	The shape	First factor	Second factor	The result
	9	1	$9 \times 1 = 9$		9	6	$9 \times 6 = 54$
	9	2	$9 \times 2 = 18$		9	7	$9 \times 7 = 63$
	9	3	$9 \times 3 = 27$		9	8	$9 \times 8 = 72$
	9	4	$9 \times 4 = 36$		9	9	$9 \times 9 = 81$
	9	5	$9 \times 5 = 45$		9	10	$9 \times 10 = 90$

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Primary ③ - Term 1

Chapter 6

Second: Using multiplication facts by 9

$$9 \times 1 = 9$$
$$9 \times 2 = 18$$
$$9 \times 3 = 27$$
$$9 \times 4 = 36$$
$$9 \times 5 = 45$$
$$9 \times 6 = 54$$
$$9 \times 7 = 63$$
$$9 \times 8 = 72$$
$$9 \times 9 = 81$$
$$9 \times 10 = 90$$
$$9 \times 11 = 99$$
$$9 \times 12 = 108$$
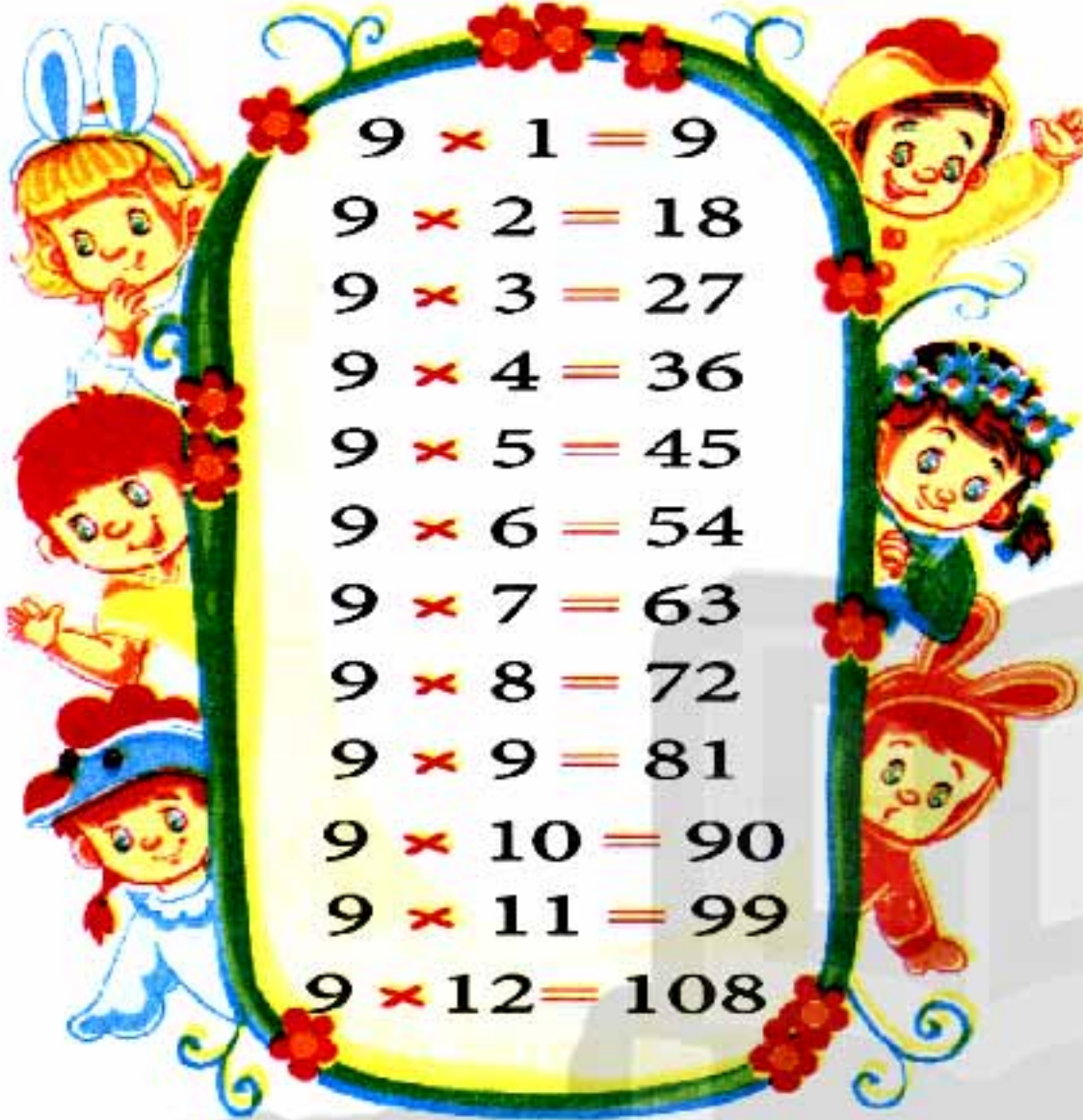
Third: using number chart

111	112	113	114	115	116	117	118	119	120
101	102	103	104	105	106	107	108	109	110
91	92	93	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90
71	72	73	74	75	76	77	78	79	80
61	62	63	64	65	66	67	68	69	70
51	52	53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

Fourth: using multiplication facts by 10

9	✖	1	= (	10	✖	1	) –	1	=	9
9	✖	2	= (	10	✖	2	) –	2	=	18
9	✖	3	= (	10	✖	3	) –	3	=	27
9	✖	4	= (	10	✖	4	) –	4	=	......
9	✖	5	= (	10	✖	5	) –	5	=	......
9	✖	6	= (	10	✖	6	) –	......	=	......
9	✖	7	= (	10	✖	......	) –	......	=	......
9	✖	8	= (	10	✖	......	) –	......	=	......
9	✖	9	= (	10	✖	......	) –	......	=	......

$$9 \times \square = (10 \times \square) - \square$$
$$9 \times 0 = (10 \times 0) - 0 = 0$$
$$9 \times 10 = (10 \times 10) - 10 = 90$$

Bakkar Series

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BAKKAR   **Strategies and applications**

Exercise 1   Complete :

$$\begin{array}{r} 9 \\ \times\ 5 \\ \hline \end{array}\qquad \begin{array}{r} 9 \\ \times\ 0 \\ \hline \end{array}\qquad \begin{array}{r} 9 \\ \times\ 3 \\ \hline \end{array}\qquad \begin{array}{r} 9 \\ \times\ 1 \\ \hline \end{array}\qquad \begin{array}{r} 9 \\ \times\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times\ 6 \\ \hline \end{array}\qquad \begin{array}{r} 9 \\ \times\ 2 \\ \hline \end{array}\qquad \begin{array}{r} 9 \\ \times\ 7 \\ \hline \end{array}\qquad \begin{array}{r} 9 \\ \times\ 8 \\ \hline \end{array}\qquad \begin{array}{r} 9 \\ \times\ 9 \\ \hline \end{array}$$

Activities from Math Journal

Activity 4 Complete the multiplying × multiples of **10** as (**a**) :

(a) $8 \times 40 = 8 \times 4 \times 10 = (8 \times 4) \times 10 = 32 \times 10 = 320$

(b) $3 \times 90 = 3 \times \ \ \times 10 = (3 \times \ \ ) \times \ \ = \ \ \times 10 =$

(c) $4 \times 80 = 4 \times 8 \times \ \ = (4 \times \ \ ) \times 10 = \ \ \times 10 =$

(d) $9 \times 20 = 9 \times \ \ \times 10 = (9 \times \ \ ) \times \ \ = \ \ \times 10 =$

(e) $6 \times 30 = 6 \times 3 \times \ \ = (6 \times \ \ ) \times 10 = \ \ \times 10 =$

(f) $8 \times 50 = 8 \times 5 \times \ \ = (8 \times \ \ ) \times 10 = \ \ \times 10 =$

(g) $7 \times 30 = 7 \times 3 \times \ \ = (7 \times \ \ ) \times 10 = \ \ \times 10 =$

(h) $6 \times 70 = 6 \times 7 \times \ \ = (6 \times \ \ ) \times 10 = \ \ \times 10 =$

(i) $5 \times 40 = 5 \times 4 \times \ \ = (5 \times \ \ ) \times 10 = \ \ \times 10 =$

هذا العمل خاص بموقع ذاكرولى التعليمى ولا يسمح بتداوله على مواقع أخرى

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Self – check on lesson (51 , 52 , 53)

1 Complete the following using the strategies of multiplication :

Math Journal

First set	Second set	Third set
(a) $7 \times 2 =$	(a) $3 \times 9 =$	(a) $10 + 1 =$
(b) $6 \times 0 =$	(b) $4 \times 3 =$	(b) $2 \times 3 =$
(c) $3 + 9 =$	(c) $6 + 5 =$	(c) $0 + 10 =$
(d) $1 \times 7 =$	(d) $9 + 9 =$	(d) $8 \times 0 =$
(e) $1 + 9 =$	(e) $4 \times 2 =$	(e) $6 + 5 =$
(f) $2 \times 4 =$	(f) $6 + 6 =$	(f) $3 + 10 =$
(g) $9 \times 6 =$	(g) $3 + 3 =$	(g) $2 \times 6 =$
(h) $8 + 9 =$	(h) $2 \times 10 =$	(h) $7 + 3 =$
(i) $10 \times 8 =$	(i) $9 + 10 =$	(i) $0 + 4 =$
(j) $2 + 9 =$	(j) $6 + 1 =$	(j) $8 \times 8 =$
(k) $4 \times 8 =$	(k) $5 \times 10 =$	(k) $5 + 5 =$
(l) $1 \times 1 =$	(l) $9 \times 6 =$	(l) $9 \times 0 =$
(m) $3 \times 3 =$	(m) $5 \times 7 =$	(m) $6 + 2 =$
(n) $6 \times 1 =$	(n) $0 \times 10 =$	(n) $1 \times 2 =$
(o) $10 \times 0 =$	(o) $9 \times 10 =$	(o) $4 + 4 =$

Bakkar Series

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BAKKAR

Strategies and applications

2 Answer the following :

a Gerges saves 9 pounds every month .
What does he save in 8 months ?

The solution : What Gerges save = ... × ....

= .... pounds

b It is known that each horse has 4 legs.
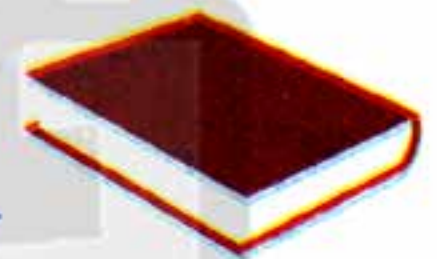How many legs are there in 9 horses?

The solution : Number of legs = ... × ....

= .... legs .

c With Mona 35 pounds, she bought 3 books for 9 pounds each.
How much is left with Mona ?

The solution : The price of books = ... × .... = LE ....

The left money = 35 - .... = LE ....

3 Join the equal cards :

60 + 3	9 × 9	65 - 2
40 + 5	9 × 8	82 - 1
80 + 1	9 × 5	72
9 × 9 - 9	9 × 7	50 - 5

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Primary ③ - Term 1

Lesson (54 , 55)

Strategies for solving story Problems

Activity 1   Write the time according to the hands :

5 : 50

:

:

:

:

:

Exercise 1   Jamila asked her teacher : Is the number 999 greater than the number 1000 ?

The teacher asked : Are the number of digits the two numbers equal ?

Jamila replied : The number of digits of the number 1000 is more

So the number 1000 is greater than the number 999

Exercise 2   The teacher asked : Is the number 1312 greater than the number 23406 ?

The number of digits of the number 1312 is ....

The number of digits of the number 23406 is ....

So the number .... is greater than the number ....

Exercise 3   Which number is greater : 451234 or 66076?

The number of digits of the number 451234 is ....

The number of digits of the number 66076 is ....

So the number .... is greater than the number ....

Bakkar Series

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BAKKAR

Strategies and applications

Exercise 4

The number that has 5 thousands , 7 hundreds , 6 tens , 4 ones . what is this number ?

The number : .... + ... + ... + ... = ...

Exercise 5

The number that has 12 hundreds , 15 tens , 6 ones . What is this number ?

The number : .... + ... + ... = ...

Exercise 6

Write in the standard form : $50\,000 + 6\,000 + 300 + 40 + 2$

The number : ....

Exercise 7

Write in the expanded form 3509

The expanded form : .... + ... + ... + ... = ...

Exercise 8

Arrange the following numbers in an ascending order : 5021 , 5201 , 5102 , 5210

The order : .... , ... , ... , ...

First strategy — The expanded form :

Exercise 9 Add as **Ex** :

(a) $234 + 352 = (200 + 30 + 4) + (300 + 50 + 2) = 586$

(b) $101 + 184 = (\ldots + \ldots + \ldots) + (\ldots + \ldots + \ldots) = \ldots$

(c) $483 + 201 = (\ldots + \ldots + \ldots) + (\ldots + \ldots + \ldots) = \ldots$

(d) $823 + 262 = (\ldots + \ldots + \ldots) + (\ldots + \ldots + \ldots) = \ldots$

(e) $657 + 233 = (\ldots + \ldots + \ldots) + (\ldots + \ldots + \ldots) = \ldots$
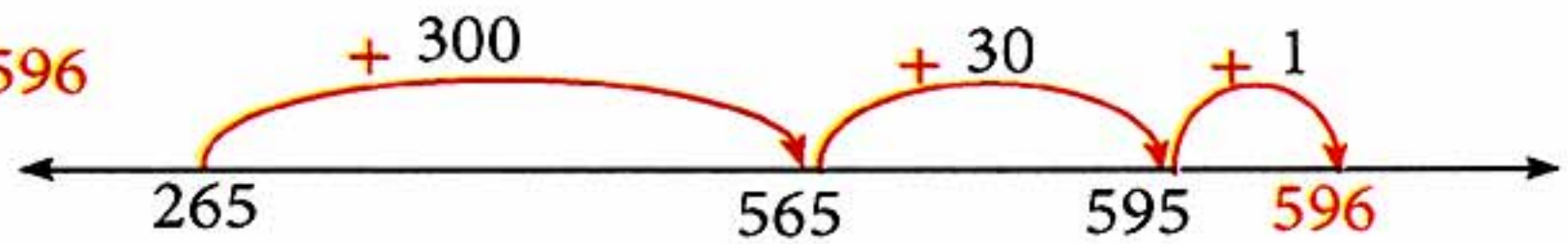
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Primary ③ - Term 1

Chapter 6

Second strategy **Number line :**

Exercise 10 Add using the numbers line as in (a) :

(a) 265 + 331 = 596

(b) 555 + 222 = ...
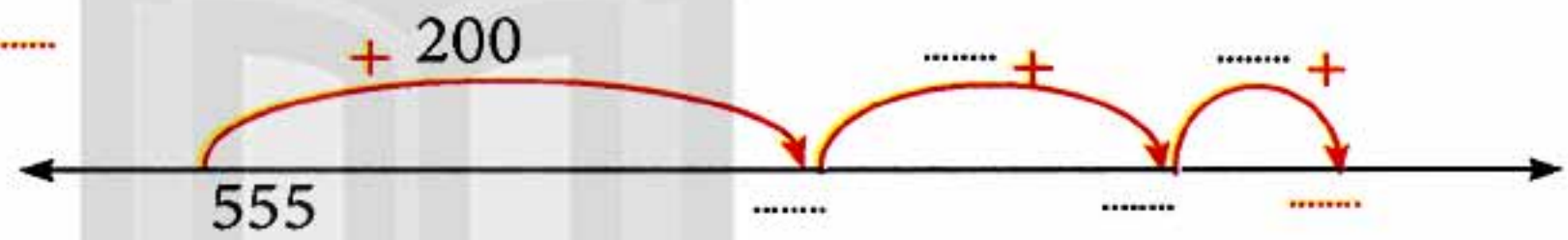
(c) 154 + 324 = ...

(d) 607 + 122 = ...
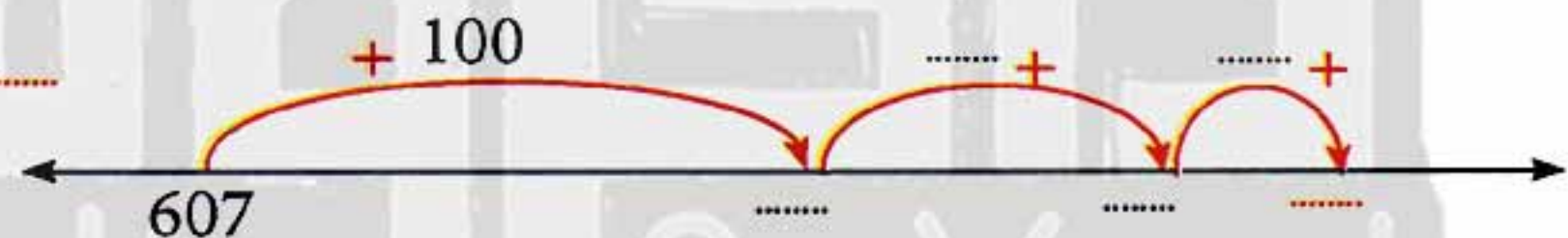
Third strategy **Place value cards :**

Exercise 11 Add using the place value cards as EX :

444 + 235 = ...

Hundreds	Tens	Ones
4 2	4 3	4 5
6	7	9

726 + 122 = ...

Hundreds	Tens	Ones
7 1	2 2	6 2
....	....	....

381 + 427 = ...

Hundreds	Tens	Ones
3 4	8 2	1 7
....	....	....

Bakkar Series

Self - check on lesson (54 , 55)

1 Write in the standard form :

(a) Two hundred thousand, four hundred and seventy : ....

(b) One hundred sixty thousand and seventy four : ....

(c) Ninety thousand and eleven : ....

2 Complete the following :

(a) 700 thousand and 350 = ... (In digits)

(b) The value of 3 in 342 901 is ....

(c) The place value of 7 in 170 423 is ....

(d) The greatest number formed from 6 , 7 , 1 , 3 , 5 , 4 is : ....

(e) If the value of 6 in a number is 600 000 then its place value in this number is ....

3 Put (< , = , >) :

(a) 307 005 ⬭ 370 005

(b) 340 026 ⬭ 340 206

(c) 717 117 ⬭ 177 117

(d) 440 404 ⬭ 404 440

4 Arrange the following numbers :

(a) 542 286 , 542 197 , 542 904 , 542 409

Ascendingly : .... , ... , ... , ...

(b) 540 678 , 140 678 , 640 678 , 440 678

Descendingly : .... , ... , ... , ...

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Primary ③ - Term 1

5 Use the following strategy to add the following as in (a) :

The problem	The solution	The result
a $97 + 184$	$+100$ $+80$ $+4$ 97 197 277 **281**	**281**
b $483 + 211$	$+200$ $+ .....$ $+ .....$ 483	....
c $823 + 262$	$+ .....$ $+ .....$ $+ .....$ 823	....
d $677 + 233$	$+ .....$ $+ .....$ $+ .....$ 677	....
e $865 + 337$	$+ .....$ $+ .....$ $+ .....$ 865	....
f $234 + 352$	$+ .....$ $+ .....$ $+ .....$ 234	....
g $742 + 239$	$+ .....$ $+ .....$ $+ .....$ 742	....
h $809 + 135$	$+ .....$ $+ .....$ $+ .....$ 809	....

Bakkar Series

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Lesson (56 , 57 , 58)

Strategies application On addition and subtraction

First   Estimation using place value strategy (**left digit**)

Activity 1   Add then estimate the sum :

First grade   172
Second grade   358
——————
530   Pupils
The estimation =   500   Pupils

Grade	Number
P1	172
P2	358
P3	429
P4	487

Second   Estimation using round to the nearest **100** :

Activity 2   estimate using round to 100 to find the sum :

Euphrates   2800
Mississippi   3775
——————
6575   Km
Round to the nearest **100 = 6600 Km**

River	Length in Km
Nile	6650
Amazon	6400
Mississippi	3775
Euphrates	2800

Third   Expand form strategy :

Activity 3   Find the result :

(a) $2124 + 6745 = (2000 + 100 + 20 + 4) + (6000 + 700 + 40 + 5)$

$= (2000 + 6000) + (100 + 700) + (20 + 40) + (4 + 5)$

$= 8000 + \text{..........} + \text{..........} + 9 = 8869$

(b) $6745 - 2124 = (6000 + 700 + 40 + 5) - (2000 + 100 + 20 + 4)$

$= (6000 - 2000) + (700 - 100) + (40 - 20) + (5 - 4)$

$= \text{......} + \text{......} + \text{......} + 1 = 4621$

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Primary 3 - Term 1

Chapter 6

Fourth　Using drawing the value shapes :

Activity 4　Find the result of　572 − 350 :

Hundred	Tens	Ones
		= 222
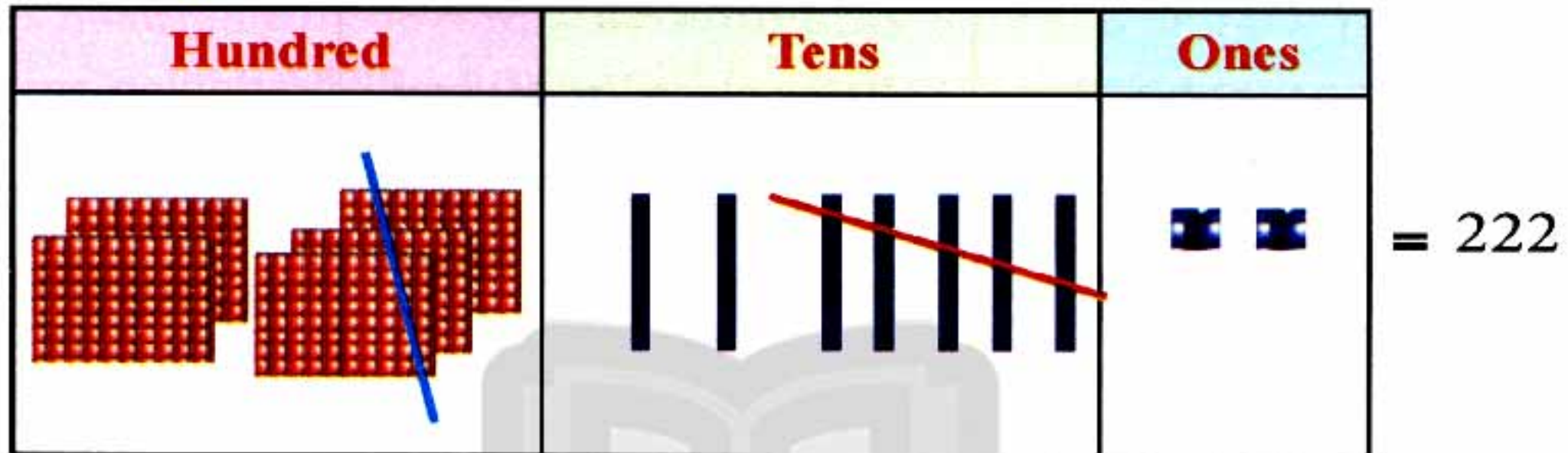
Fifth　Place value cards strategy :

Activity 5　Find the result :

Thousands	Hundreds	Tens	Ones
2	5	3	9
+ 6	7	7	7
9	3	1	6

Thousands	Hundreds	Tens	Ones
3	6	0	0
− 1	5	7	6
2	0	2	4

Sixth　Line plots strategy :

Activity 6　Find the result of　572 − 221 :

Subtract from the big number
hundred then tens then ones

$$-1 \quad -20 \quad -200$$

351　352　　372　　　　572
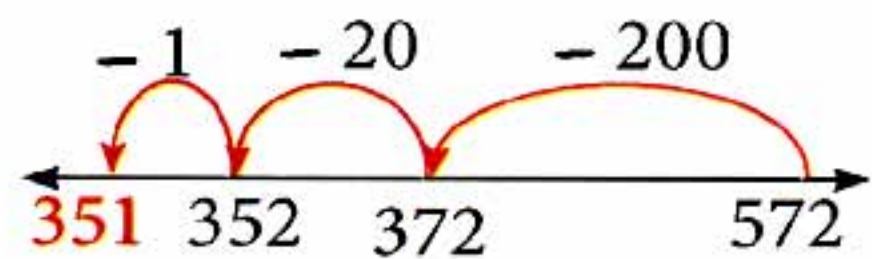
Seventh　Relation between addition and subtractions :

Activity 7　Find the result of　780 − 450 :

780 − 450 = 330　because　330 + 450 = 780

Bakkar Series

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BAKKAR

Strategies and applications

Exercise * Find the result :

Subtraction		Relation between addition and subtraction
Using the number line	**Using place value cards**	

754 – 352

– 2   – 50   – 300

.... 754
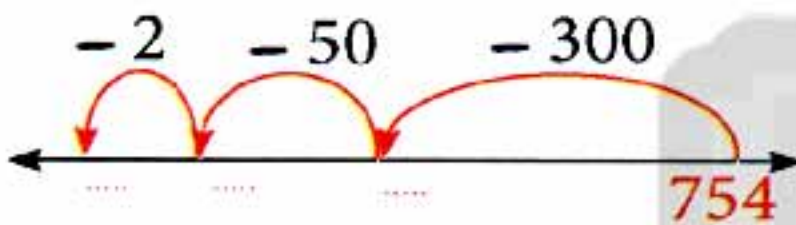
Hundred	Tens	Ones

754 – 352 = ...

352 + ... = 754

---

925 – 615

– 5   – 10   – 600

.... 925
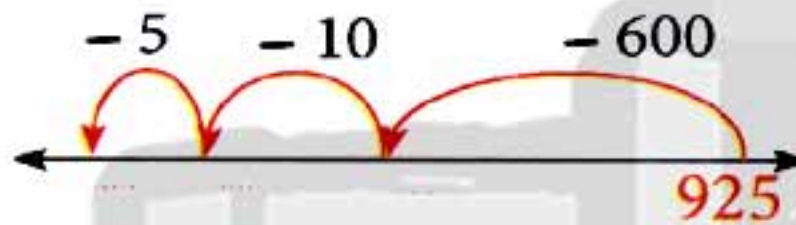
Hundred	Tens	Ones

925 – 615 = ...

615 + ... = 925

1759 – 1225

– 5   – 20   – 200   – 1000
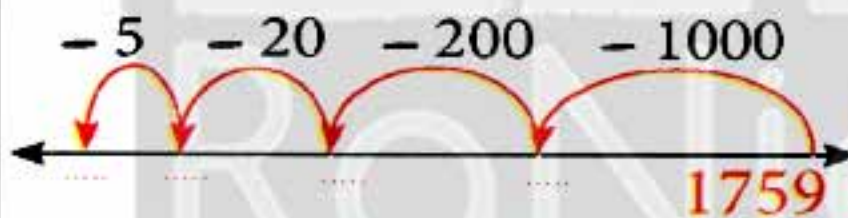
.... 1759

Thousands	Hundred	Tens	Ones

1759 – 1255 = ...

1255 + ... = 1759

5548 – 3315

– 5   – 10   – 300   – 3000
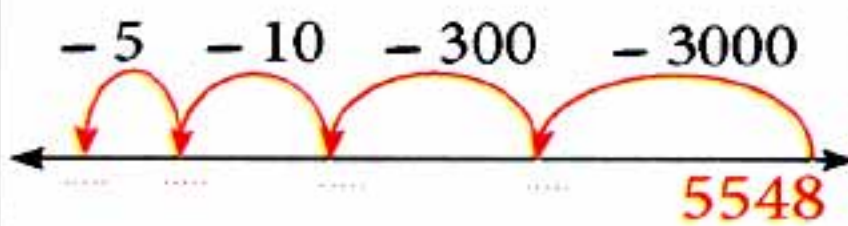
.... 5548

Thousands	Hundred	Tens	Ones

5548 – 3315 = ...

3315 + ... = 5548

6839 – 3416

– 6   – 10   – 400   – 3000
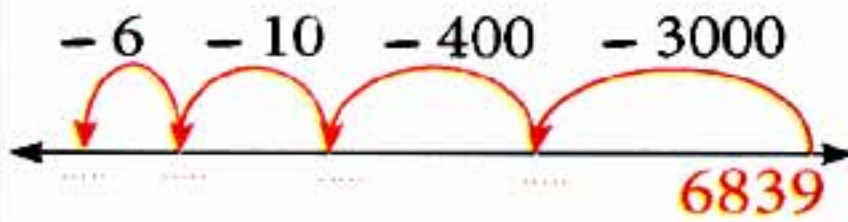
.... 6839

Thousands	Hundred	Tens	Ones

6839 – 3416 = ...

3416 + ... = 6839

Primary ③ - Term 1

كتاب بكار | موقع ذاكرولى التعليمى | الصف الثالث الابتدائى

Chapter 6

Activities from Math Journal

Activity 1

Mr. **Mahmoud** educates chickens , in a year his chickens have laid **5350** eggs. Last year his chickens laid **2120** eggs. How many eggs did his chickens lay in the two years ago ?

The solution : ....

Activity 2

Mr. **Mahmoud** also raises sheep. One day he took **235** sheep out to graze on a hill. Later , his neighbour brought his sheeps to the hill to graze beside hem . Now there are **680** sheep on the hill . How many sheep did the neighbour bring to the hill ?

The solution : ....

Activity 3

The library can hold **2475** books , but **525** books are out on loan and **137** books are missing. How many books are there in the library right now ?

The solution : ....

Activity 4

Three boxes filled with books were just delivered to the library. If each box is filled with **215** books. How many books were delivered ?

The solution : ....

Bakkar Series

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Self – check on lesson (56 , 57 , 58)

1 Add (Using the same strategy) :

a
```
  5087
+ 6076
-------
........
```

b
```
  3289
+ 2787
-------
........
```

c
```
  7878
+ 8787
-------
........
```

d
```
  5555
+ 6666
-------
........
```

e
```
  16284
+ 20543
-------
........
```

f
```
  34396
+ 44444
-------
........
```

g
```
  12649
+ 38700
-------
........
```

h
```
  14758
+ 15278
-------
........
```

i
```
  9201
+ 5499
-------
........
```

j
```
  9832
+ 7873
-------
........
```

k
```
  6005
+ 3299
-------
........
```

l
```
  94270
+  4078
-------
........
```

2 Subtract (Using the same strategy) :

a
```
  5975
- 2403
-------
........
```

b
```
  6845
- 1835
-------
........
```

c
```
  9895
- 5775
-------
........
```

d
```
  5555
- 3333
-------
........
```

e
```
  9979
- 8909
-------
........
```

f
```
  4321
- 3121
-------
........
```

g
```
  8507
- 1505
-------
........
```

h
```
  8459
- 4444
-------
........
```

i
```
  7806
- 1805
-------
........
```

j
```
  9650
- 7000
-------
........
```

k
```
  4203
- 1203
-------
........
```

l
```
  8096
- 8053
-------
........
```

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Primary ③ - Term 1

Chapter 6

Activities from Math Journal

3 The librarian takes some of the new books out of the boxes that have **1000** books . Now there are only **510** books in the boxes . How many books did the librarian take out of the boxes ?

The solution : ....

4 Amir`s family is saving to buy a new TV. The TV costs LE **4590** on sale. They have saved LE **2410** so far. How much more money do they need before they can buy the TV ?

The solution : ....

5 Omar just moved to the city. He found an apartment to rent for LE **3340** per month. Electricity and gas will cost him LF **692** par month .
How much money will it cost him each month to live ?

The solution : ....

6 If Samar hand LE **5000** to spend each month , how much money does she have left after she pays LE **3500** for rent, electricity and gas ?

The solution : ....

Bakkar Series

Lesson (59 , 60)

Liquid volume (Capacity)
Units for measuring liquid volume

Activity 1 — **Important discussion:**

Teacher : One of the types of tools used to measure height ....

Pupils : rulers

Teacher : One of the types of units of length measurement ....

Pupils : meters, cm, mm .

> Meter = 100 cm , cm = 10 mm

Teacher : One of the types of tools used to measure time ....

Pupils : The hour with hands

Teacher : One of the types of units used to know the time ....

Pupils : the hour - the minute .

> Hour = 60 minutes

Teacher : One of the types of tools used in measuring weight ....

Pupils : Scales

Teacher : One of the types of units used to know weight or mass ....

Pupils : kilogram - grams .

> The kilogram = 1000 grams

Teacher : Today we are introducing a new measure that we use in our lives which is capacity

How do you measure the amount of liquids that can be placed in a container?

Capacity — Is a measure of the amount of liquid that can be placed in a container .Units of capacitance litres (l), millilitre (ml)

Activity 2 — **Things in our life with capacity per litre (L):**

30 letre   5 letre   2 letre   1 letre

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Primary 3 - Term 1

Activity 3 Things in our life its capacity are measured in millilitres (ml):

100 ml   250 ml   125 ml   5 ml

Activity 4 Measurement instruments in millilitres :
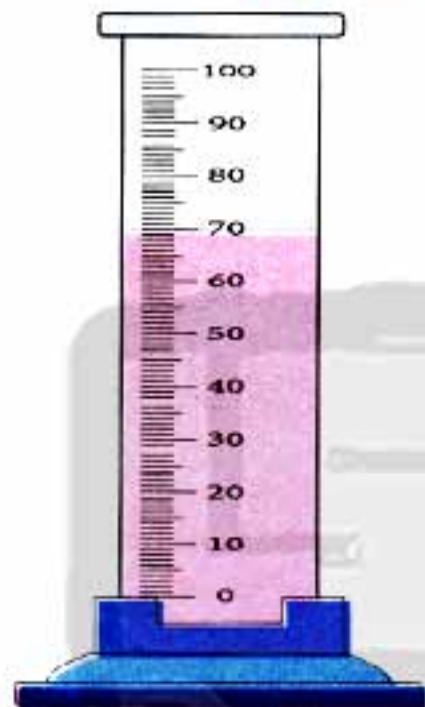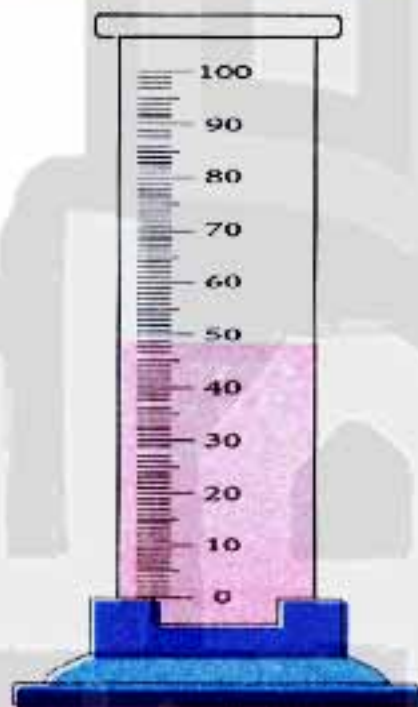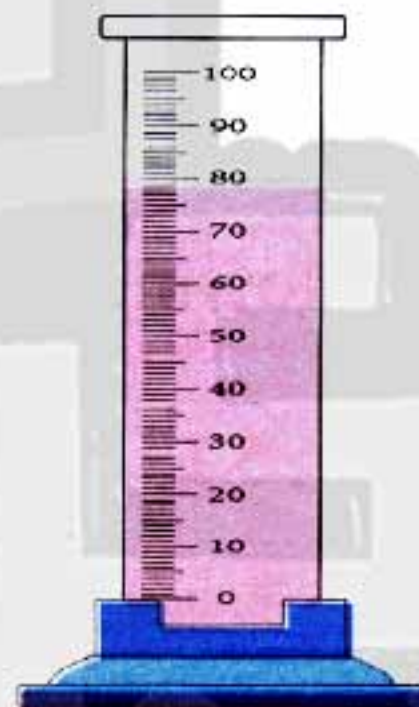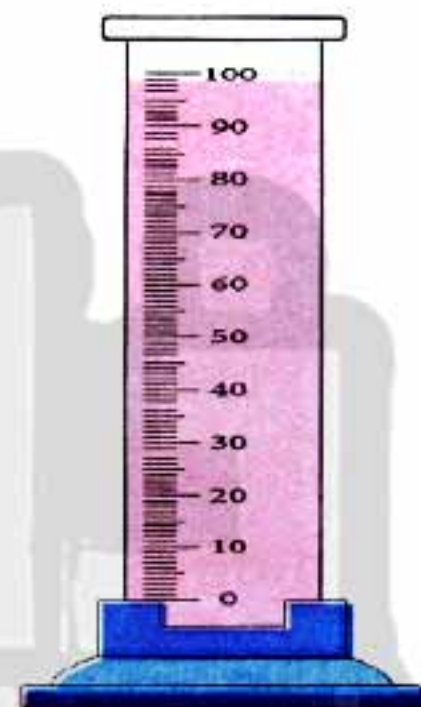
70 ml   50 ml   80 ml   100 ml

$$1 \text{ Litre} = 1000 \text{ millilitres}$$

Exercise # For each photo, choose the suitable unit of measure for the capacity of the following :

L , ml   L , ml   L , ml   L , ml

Bakkar Series

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Self – check on lesson (59 , 60)

1 Choose the suitable unit of measurement :

(a) The weight of .... (kg , km , L)

(b) The perimeter of .... (gm , ml , cm)

(c) The capacity of .... (L , kg , km)

(d) The distance between two cities .... (kg , km , ml)

(e) From the time units .... (minute , cm , L)

2 Arrange the following volumes :

(a) 7 L , 20 L , 10 L , 5 L

Ascendingly : .... , ... , ... , ...

(b) 10 ml , 15 ml , 17 ml , 30 ml

Descendingly : .... , ... , ... , ...

(c)

| A | B | C | D |

Ascendingly : C , ... , ... , ...

الصف الثالث الابتدائى — موقع ذاكرولى التعليمى — كتاب بكار

Chapter 6

3 Choose the suitable measurement unit:

L , ml   L , ml   L , ml

L , ml   L , ml   L , ml

4 Choose the suitable measurement unit:

a) The amount of water that a person drinks in one day ....
(10 L , 2 L , 30 ml)

b) Capacity of water tank on the building .... (500 L , 7 L , 300 ml)

c) Tank of a car with capacity .... (30 ml , 40 L , 500 ml)

d) Small mineral water bottle capacity .... (10 L , 1 L , half ml)

e) The capacity of the coffee cup can be equal ..... (100 L , 1 L , 100 ml)

f) The capacity of a cup of milk can be equal ... (200 L , 200 ml , 10 ml)

Bakkar Series

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Self - check 1 Chapters 6

1 Find the result :

a)
```
  44444
+ 20543
  ........
```

b)
```
  66571
+  3084
  ........
```

c)
```
  7835
- 4313
  ........
```

d)
```
  35896
- 21543
  ........
```

2 Join the cards has the same number :

80 + 190	9 × 30	450
(10 × 5) × 9	9 × 50	270

3 Shadia has raised chickens on her farm she got 6375 eggs for the last two years , 3125 eggs were just the last year . How many eggs she get in this year ?

The solution : ....

4 Choose the suitable unit for measure the capacity of :

L , ml

L , ml

L , ml

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Primary ③ - Term 1

Self - check 2   Chapters 1,2,3,4,5,6

1 Find the result :

a)
```
  56217
+ 20543
-------
..........
```

b)
```
  34396
+ 34396
-------
..........
```

c)
```
  98130
-  3121
-------
..........
```

d)
```
   6034
-  1262
-------
..........
```

2 Using the number line strategy to find the result :

a) 531 + 345

b) 9867 − 3452

+ ..... + ... + ...

531 ....

- ..... - ..... - ..... - .....
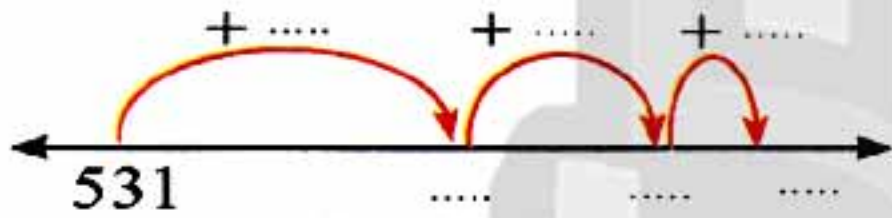
.... 9867

3 Complete :

a) 7 × 60 = 7 × 6 × .... = ...

b) 916543 (......) 91600

c) The smallest number formed from numbers 5 , 4 , 7 , 9 , 1 , 6

is ....

d) The amount of milk a child drinks in one day is measured with ......

e) A building water tank capacity of 500 ....

4 It is well known that each car has 4 wheels .

How many wheels are in 30 cars ?

The solution : ....

Bakkar Series   209

Skills part

Bakkar assessments on the curriculum

Self - check

Bakkar Self - check ①

1 Complete the following :

(a) $0 \times 7 = $ .... (b) $40 \div 5 = $ .... (c) $8 \times 6 = $ ....

(d) $24 \div 3 = $ .... (e) $6 \times 1 = $ .... (f) $18 \div 2 = $ ....

(g) $32 \div $ ..... $= 4$ (h) ..... $\div 7 = 7$ (i) $9 \times $ ..... $= 72$

2 Find the area of the following figure :
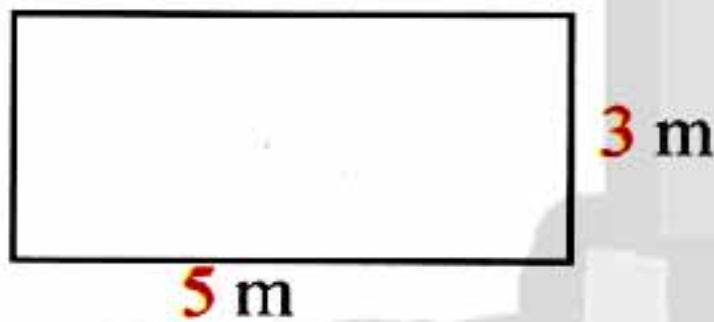
3 m

5 m
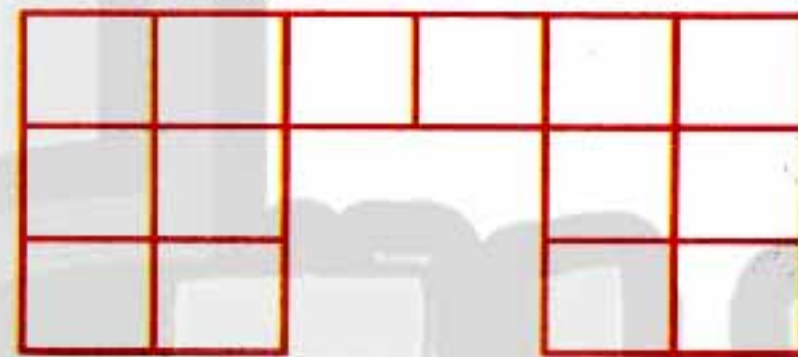
The area = ...

The area = ...

3 Choose the correct answer :

(a) The greatest number formed from the digits 1 , 5 , 2 , 9 is .....
(1 592 , 9 521 , 1 259)

(b) From the factors of 15 is 1 , ... , 5 (3 , 10 , 2)

$8 \times 13 = (8 \times 8) + (8 \times $ .... $)$ (10 , 5 , 3)

(d) From the units for measuring time is ... (gm , minute , cm)

(e) 3 meter = ... cm (30 , 3 , 300)

4 Put (√) inside each polygons :
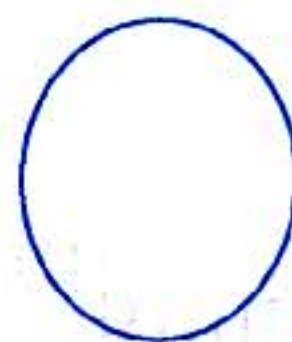
Bakkar Series

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Bakkar   **Skill part**

Bakkar Self - check ② 2

1 **Complete the following :**

a) $63 \div 9 = $ ....
b) $4 \times 6 = $ ......
c) $25 \div 5 = $ ......

d) $9 \times 3 = $ ....
e) $6 \div $ ...... $= 1$
f) $0 \times 2 = $ ......

g) $7 \div 1 = $ ....
h) $5 \times $ ...... $= 20$
i) ..... $\div 8 = 1$

2 **Answer the following :**

The perimeter = ... + ... + ... + ...

= ...... units

The area = ... × ......

= ...... square units
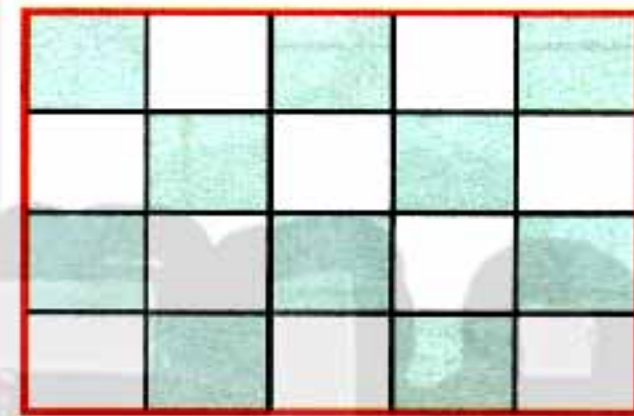
3 **Choose the correct answer :**

a) The place value of 9 in 29531 is ...... (ones , hundred , thousand)

b) 37 thousands and five hundred = ... (7350 , 3750 , 37500)

c) / /// ///// ...... (//// , //////// , ////////)

4 **From the table complete the bar graph :**

Name	Number	
Bigeon	⦀⦀ ⦀⦀ ⦀⦀ ⦀⦀ ⦀⦀ ⦀⦀	....
Hen	⦀⦀ ⦀⦀ ⦀⦀	....
Duck	⦀⦀	....
Geese	⦀⦀ ⦀⦀	....

Number

30
25
20
15
10
5
0

Bigeon   Hen   Duck   Geese   Name

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Primary ③ - Term 1
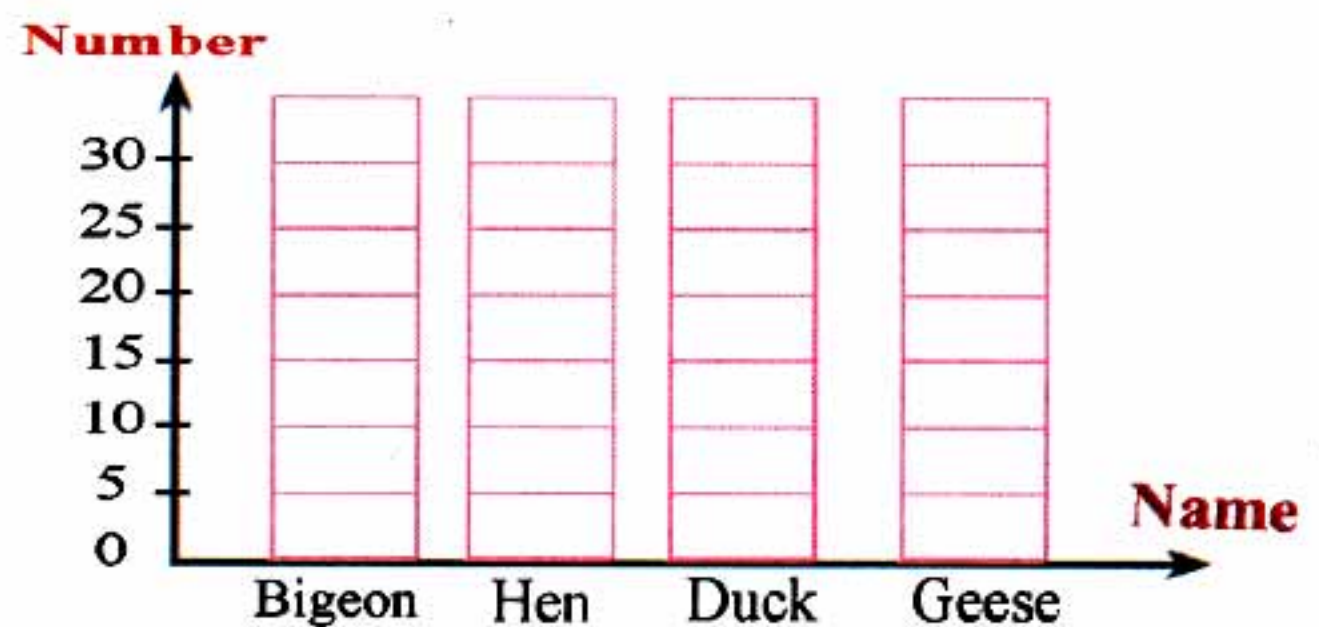
Self - check

Bakkar Self - check ③

1 **Complete the following :**

(a) $4 \times 7 = $ ....

(b) $36 \div 9 = $ ....

(c) $7 \times 1 = $ ....

(d) $27 \div 3 = $ ....

(e) $6 \times 6 = $ ....

(f) $48 \div 8 = $ ....

(g) $9 \times $ ..... $= 63$

(h) $45 \div $ ..... $= 5$

(i) ..... $\times 5 = 35$

2 A farmer builds a fence around his garden. If the length of the garden is **8** meters And its width is **3** meters .
How long is the fence that needs to be bought?

The solution : ....

3 **Choose the correct answer :**

(a) Steel nail thickness 🔨 measure with .... (mm , cm , m)

(b) The place value of **4** in **21540** is ... (tens , hundred , thousand)

(c) 1500 .... 1050 (> , = , <)

(d) The smallest number can be formed from **3,4,9,5,6** is ....
(34569 , 96543 , 9)

(e) .... is multiples of **5** . (15 , 13 , 3)

4 **Complete the following :**

Number of rows ....

Addition equation ....

The multiplication ... × ... = ...
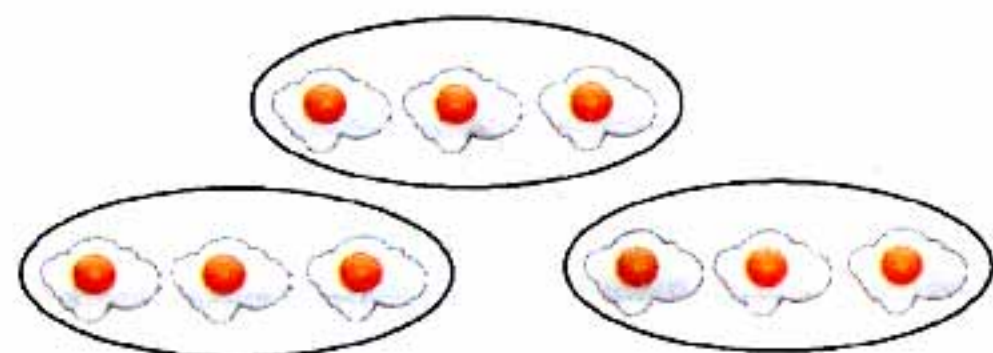
Number of sets ....

Addition equation ....

The multiplication ... × ... = ...

Bakkar Series

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BAKKAR

Skill part

Bakkar Self - check ④

1 **Complete the following :**

(a) $64 \div 8 = $ ....

(b) $30 \times 7 = $ ....

(c) $42 \div 6 = $ ....

(d) $0 \times 3 = $ ....

(e) $8 \div 8 = $ ....

(f) $9 \times 2 = $ ....

(g) $36 \div $ ...... $ = 4$

(h) ...... $\times 1 = 1$

(i) $15 \div $ ...... $= 5$

2 **Find the result :**

(a)
```
  7800
+ 2222
-------
.........
```

(b)
```
  68745
+ 10543
--------
.........
```

(c)
```
  7835
- 2403
-------
.........
```

(d)
```
  5975
- 1805
-------
.........
```

3 **Choose the correct answer :**

(a) 90 mm $= $ .... cm   (9 , 90 , 900)

(b) The greatest number formed from the digits 4, 8, 2, 6 is .... (2468 , 2846 , 8642)

(c) $7 + 7 + 7 + 7 = $ ...... $\times$ ......   (4×7 , 7×7 , 5×7)

(d) 10 , 40 , 70 , ...   (10 , 100 , 30)

(e) 1 hour $= $ ...... minutes   (50 , 100 , 60)

4 **From the shapes complete the bar graph :**

Primary ③ - Term 1

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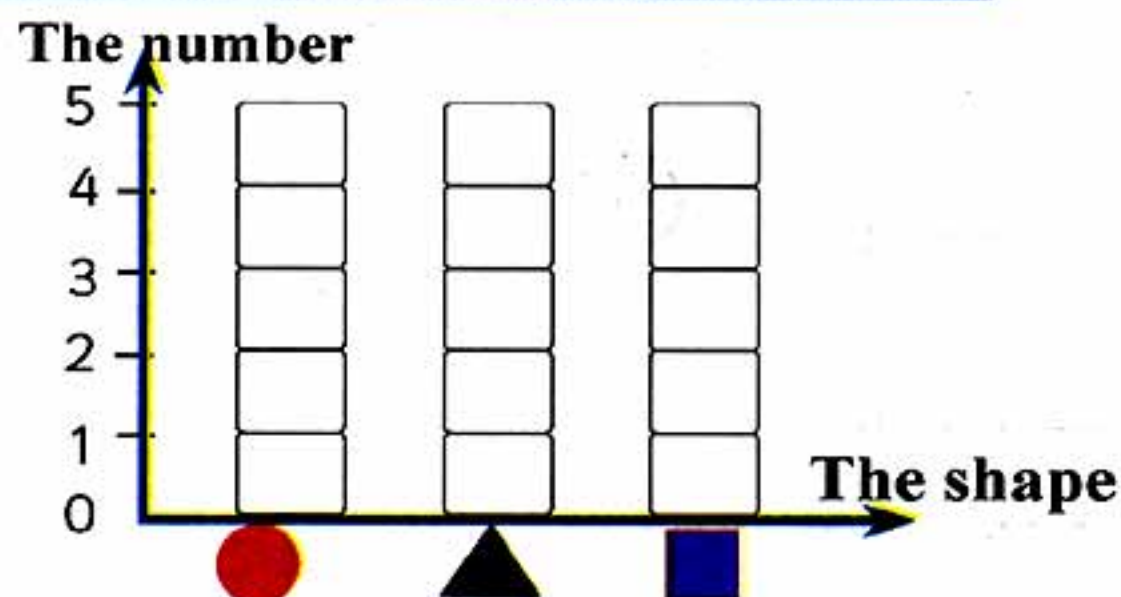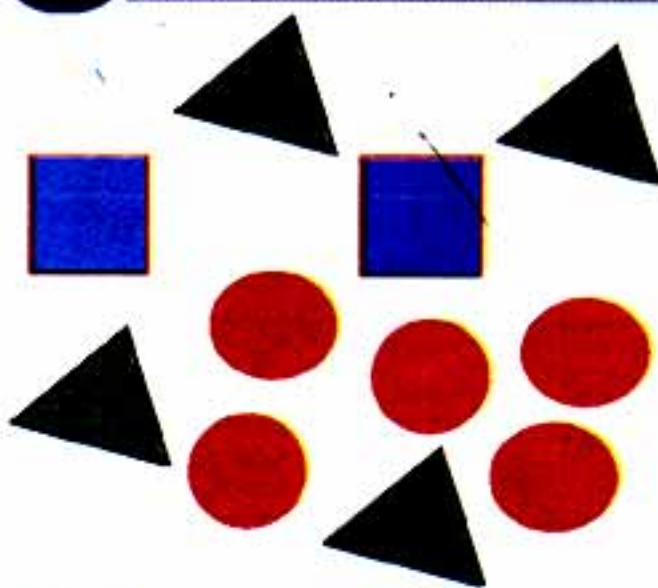
Self - check

Bakkar Self - check (5)

1 Complete the following :

(a) $8 \times 7 = \ldots$

(b) $49 \div 7 = \ldots$

(c) $0 \times 1 = \ldots$

(d) $24 \div 8 = \ldots$

(e) $2 \times 2 = \ldots$

(f) $11 \div 1 = \ldots$

(g) $\ldots \times 9 = 45$

(h) $30 \div \ldots = 3$

(i) $\ldots \times 5 = 20$

2 Find the area of the following :
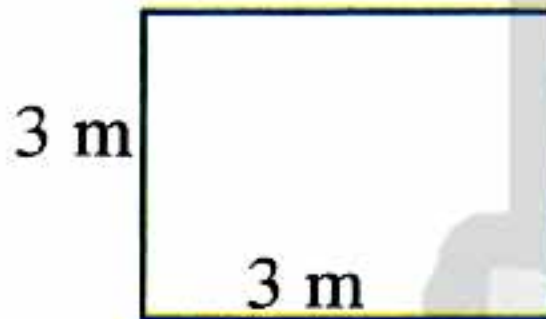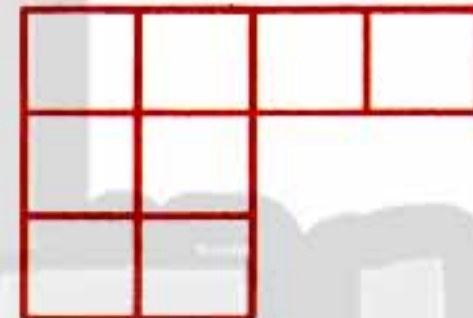
3 m

3 m

The area = ...

The area = ...

3 Choose the correct answer :

(a) From the factors of 9 is 1 , 3 and .... (7 , 8 , 9)

(b) Three hens has .... legs . (4×3 , 3×3 , 2×3)

(c) $*$ $-$ $**$ $- -$ .... ($*** - -$, $** - - -$, $*** - - -$)

(d) The time shown in ⏰ is .... (2 : 00 , 2 : 05 , 5 : 02)

4 Find the result :

(a)
```
  16384
+ 23543
-------

.........
```

(b)
```
   7808
+  4987
-------

.........
```

(c)
```
   8507
-  1505
-------

.........
```

(d)
```
   7506
-  1908
-------

.........
```

Bakkar Series

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BAKKAR

Skill part

Bakkar Self - check 6

1 **Complete the following :**

(a) $10 \times 3 = $ ....
(b) $16 \div 2 = $ ....
(c) $1 \times 9 = $ ....

(d) $24 \div 4 = $ ....
(e) $0 \times 6 = $ ....
(f) $18 \div 3 = $ ....

(g) ..... $\times 8 = 72$
(h) $21 \div$ ..... $= 7$
(i) ..... $\times 5 = 40$

2 **Find the perimeter of each figure :**

1 m

3 m
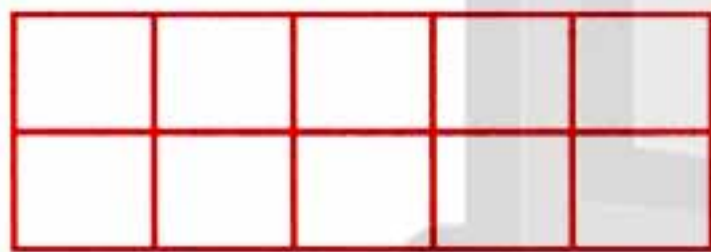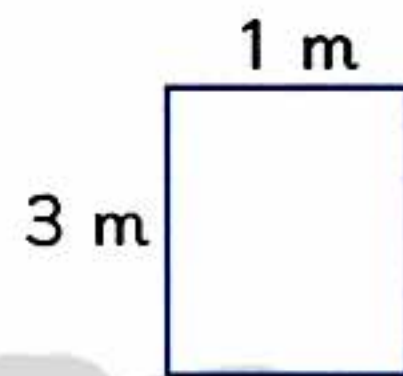
The perimeter = ... units   The perimeter = ... m

3 **Choose the correct answer :**

(a) The length of ✏️ (9 mm , 9 cm , 9 m)

(b) The place value of 2 in 26541 is .... (ones , tens , ten thousands)

(c) $7 \times 9 = (7 \times 5) + (7 \times$ .....) (2 , 4 , 6)

4 **From the table complete the pictograph :**

Name	Number
Shark	卌 l
Puri	|||
Tuna	|| 卌
Mussa fish	||||

Shark	
Puri	☐ ☐
Tuna	
Mussa fish	☐ ☐

Key ☐ = 1 fish , ☐ = 2 fish

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Primary ③ - Term 1

Self - check

Bakkar Self - check **7**

1 **Complete the following :**

(a) $63 \div 9 =$ ....

(b) $0 \times 2 =$ ....

(c) $48 \div 6 =$ ....

(d) $11 \times 3 =$ ....

(e) $6 \div 6 =$ ....

(f) $3 \times 2 =$ ....

(g) $32 \div \underline{\quad} = 4$

(h) $\underline{\quad} \times 7 = 14$

(i) $\underline{\quad} \div 5 = 5$

2 **A carpet is 5 meters long and 4 meters wide .**
What is the area of this carpet ?

The solution : ....

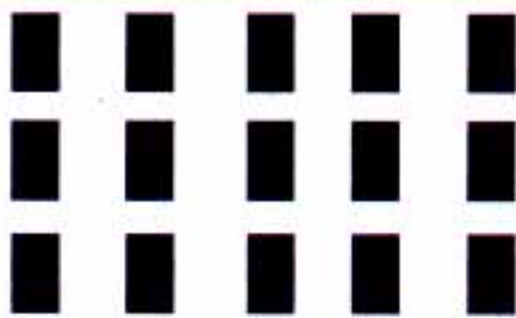**3** **Choose the correct answer :**

(a) The greatest number formed from the digits 1,5, 9,2 is ....
(1592 , 9521 , 1259)

(b) $9 \times 40 =$ ....
(360 , 306 , 2)

(c) 75 thousand , and ten in digit is ....
(1750 , 75010 , 75100)

(d) $3 \times 40 = 3 \times 4 \times$ ....
(12 , 1 , 10)

(e) From the units for measuring capacity ....
(litre , cm , mm)

4 **Complete the following :**

Number of columns ....

Addition equation.............................

The multiplication .... × ...... = ...

Number of rows ....

Addition equation.............................

The multiplication .... × ..... = ...

Bakkar Series

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BAKKAR

Skill part

Bakkar Self - check 8

1 Complete the following :

a) $40 \div 4 = $ ....

b) $12 \times 2 = $ ....

c) $30 \div 6 = $ ....

d) $1 \times 3 = $ ....

e) $6 \div 6 = $ ....

f) $11 \times 9 = $ ....

g) ..... $\div 8 = 3$

h) $0 \times$ ..... $= 0$

i) ..... $\div 7 = 4$

2 Complete :

The perimeter = ... + ... + ... + ...

= ...... units

The area = ... × ......

= ...... square units
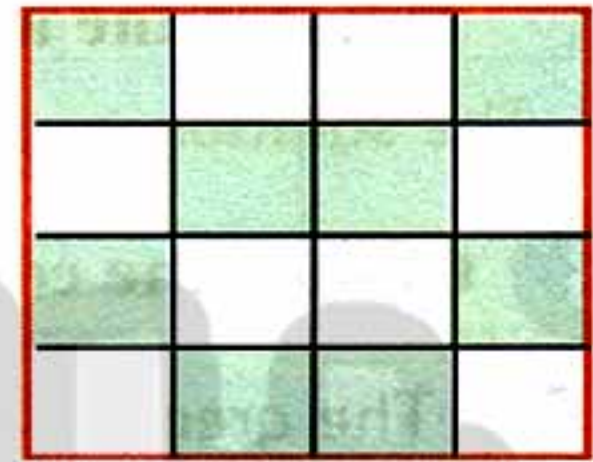
3 Choose the correct answer :

a) $6 \, m = $ .... cm   (6 , 60 , 600)

b) $5 + 5 + 5 + 5 + 5 + 5 = $ .... × ....   (5×5 , 5×7 , 5×6)

c) 4512 45012   (> , = , <)

d) Half an hour = ... minutes   (60 , 100 , 30)

e) From the factors of **14** is ....   (28 , 7 , 30)

4 Find the result :

Thousand	Hundred	Tens	Ones
2	2	1	9
6	7	7	7
....	....	....	....

+

Thousand	Hundred	Tens	Ones
9	7	0	0
4	5	7	6
....	....	....	....

−

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Primary ③ - Term 1

Self - check

Bakkar Self - check ٩

1 **Complete the following :**

(a) $0 \times 7 = \ldots$ (b) $35 \div 5 = \ldots$ (c) $1 \times 9 = \ldots$

(d) $27 \div 9 = \ldots$ (e) $10 \times 6 = \ldots$ (f) $18 \div 9 = \ldots$

(g) $8 \times \ldots = 16$ (h) $\ldots \div 3 = 11$ (i) $\ldots \times 5 = 5$

2 **Find the area :**

7 m

4 m
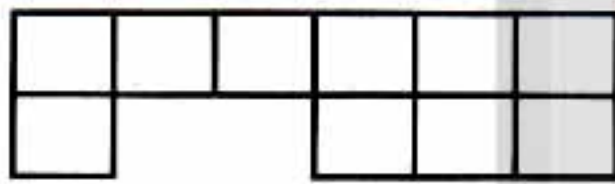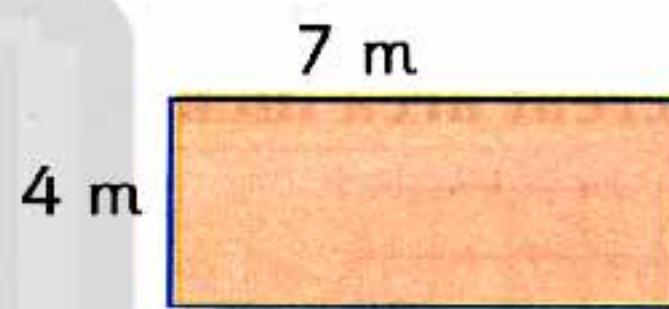
The area = ...   The area = ...

3 **Choose the correct answer :**

(a) The place value of 5 in 86513 is .... (ones , hundred , thousand)

(b) The height of the building in which I live is measured by ....
             (mm , cm , m)

(c) 1 Litre = ... ml   (10 , 100 , 1000)

4 **Colour the bar graph according to the number of sides of each polygon :**

No. sides

6
5
4
3
2
1
0

Square   Hexagon   Trapezium   Triangle   polygon
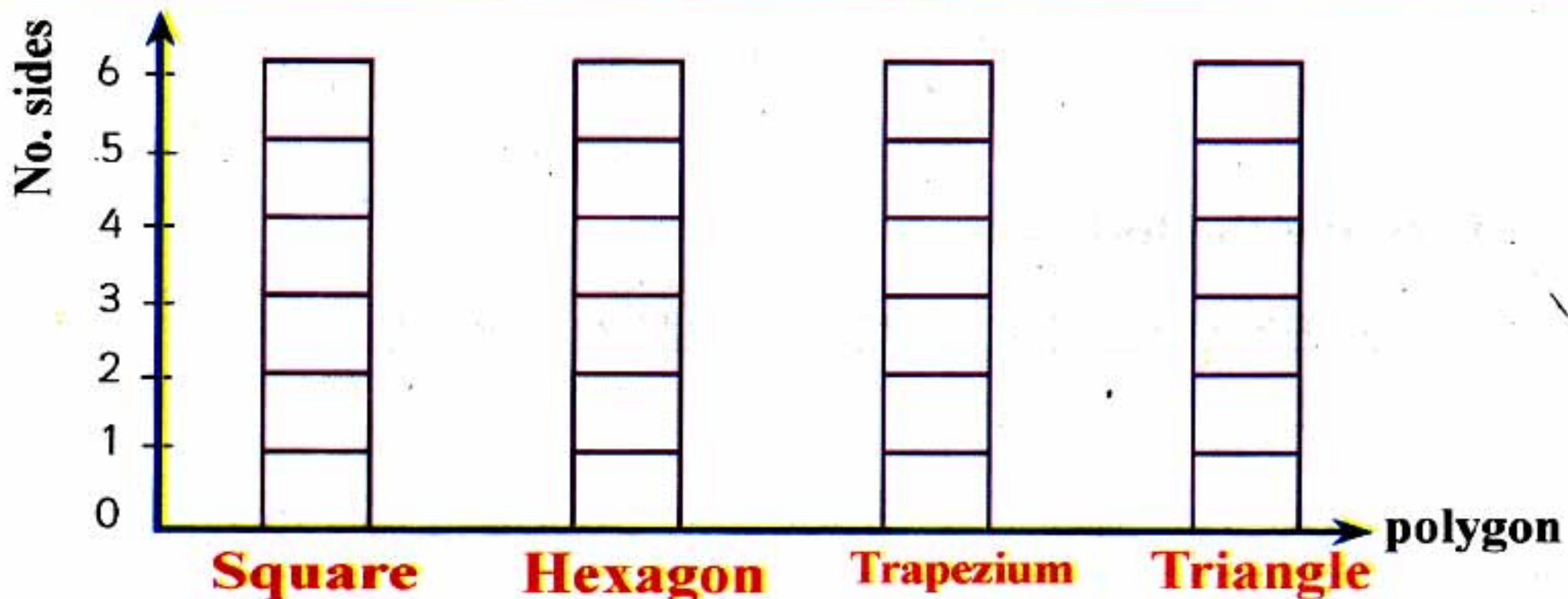
Bakkar Series

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BAKKAR

Skill part

Bakkar Self - check ⑩

❶ Complete the following :

(a) $12 \div 6 =$ ....

(b) $10 \times 5 =$ ....

(c) $36 \div 4 =$ ....

(d) $24 \div 3 =$ ....

(e) $7 \times 8 =$ ....

(f) $7 \times 4 =$ ....

(g) .... $\div 1 = 12$

(h) $22 \div 2 =$ ....

(i) .... $\times 0 = 0$

❷ Shade two rectangle with perimeter 8 units and with different area then find the area:
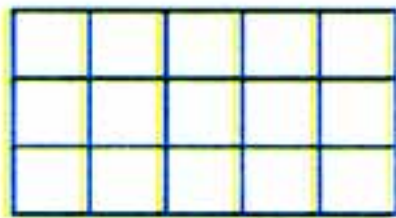
The area = ...   The area = ...
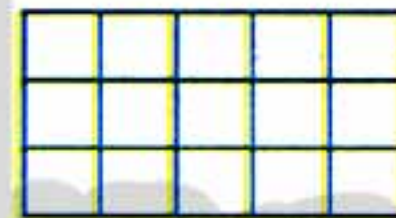
❸ Choose the correct answer :

(a) 99 thousands , nine hundred = ...   (75100 , 7510 , 99900)

(b) The greatest number formed from the digits 1 , 2 , 8 , 0 is ....
(8210 , 2810 , 8210)

(c) Number of days in 5 weeks = ...   (5×5 , 5×7 , 6×7)

(d) 350×100 - ....   (350, 250 , 35000)

(e) The time shown in 🕐 is .... (1 : 00 , 2 : 10 , 1 : 40)

❹ Arrange the following :
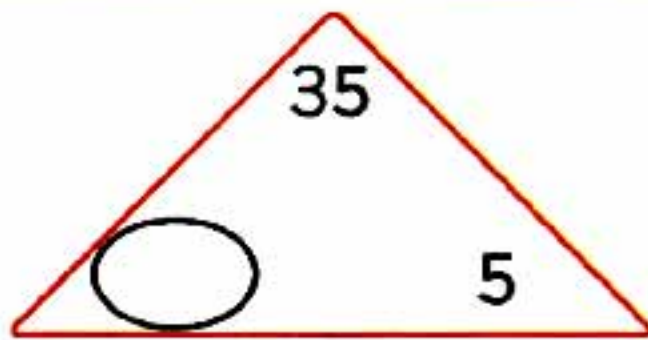
(a) 8157 , 9587 , 9751 , 9718 , 8000
Ascendingly : ....

(b) 30005 , 50300 , 35000 , 50000 , 55555
Descendingly : : ....

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Primary ③ - Term 1

Self - check

Bakkar Self - check (11)

1 **Complete the following :**

..... × ...... = 35

..... × ...... = ...

35 ÷ ...... = ...

35 ÷ ...... = ...

2 **Ziad** wants to grow the cotton plant, and a single cotton plant needs a unit area . He wants to make the field of 5 rows , and in each row 4 units .
How many cotton plants can be grown in **Ziad** Garden ?

The solution : ....

3 **Choose the correct answer :**

(a) 120 × 7 = ... (480 , 840 , 804)

(b) From the factors of 8 is 1 , 2 , ... and 8 (7 , 6 , 4)

(c) 66321 (.........) 663210 (> , = , <)

(d) Quarter of an hour = ... minutes (15 , 30 , 60)

(e) 一 二 三 .... (三 , 二 , 四)

4 **Find the result :**

(a)
  5087
+ 6076
_____
....

(b)
  14758
+ 15278
_____
....

(c)
  5555
− 3333
_____
....

(d)
  4203
− 1203
_____
....

Bakkar Series

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BAKKAR **Skill part**

Bakkar Self - check 12

1 **Complete the following :**

a) $0 \times 10 =$ ....
b) $77 \div 7 =$ ....
c) $1 \times 7 =$ ....

d) $8 \times 3 =$ ....
e) $6 + 6 =$ ....
f) $18 - 2 =$ ....

g) ..... $- 8 = 4$
h) $1 \times 7 =$ ....
i) $15 \div$ ..... $= 5$

2 **Find perimeter of the figure :**

The Perimeter = ...cm

5 cm

3 cm

5 cm

9 cm
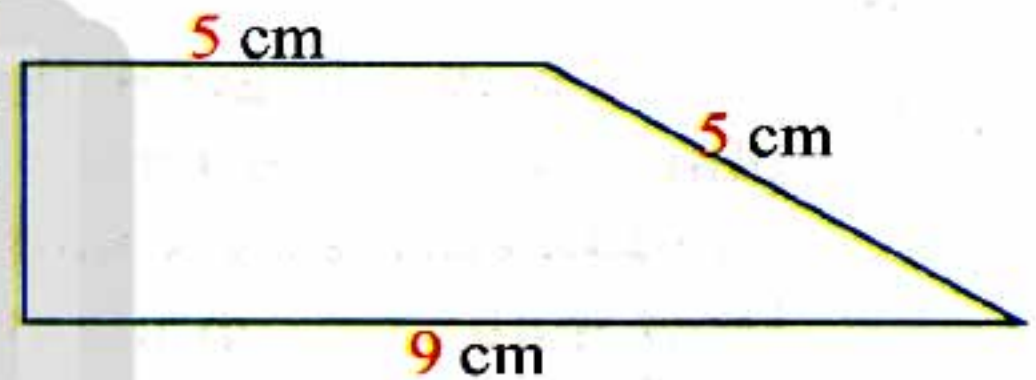
3 **Choose the correct answer :**

a) $5 cm =$ .... mm   (5 , 50 , 500)

b) The place value of 5 in 86513 is.... (tens , hundred ,thousand)

c) The capacity of a cup of milk can be equal ....
(200 leter , 200ml ,10 leter)

4 **Complete the representation of the number of potatoes meal in the bags on the line plot representation chart with the sign X:**
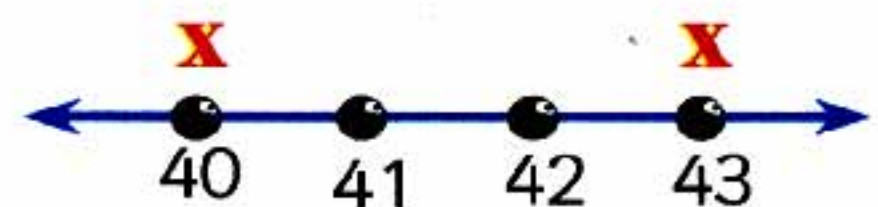
41 42 40 43 40 42 42 40

42 43 41 42 40 43 40 40

- **Complete**

The number of bags containing 43 potatoes
= ....

One meal = X

X X

40   41   42   43

Primary 3 - Term 1

Self - check

Bakkar Self - check 13

1 **Complete the following :**

(a) 24 - 2 = ...

(b) 45 ÷ 5 = ...

(c) 10 × 3 = ...

(d) 24 + 3 = ...

(e) 18 + 6 = ...

(f) 16 ÷ 4 = ...

(g) 24 × 1 = ...

(h) 0 × 125 = ...

(i) 10 - ..... = 2

2 **Find the area of the following :**

4 cm

4 cm
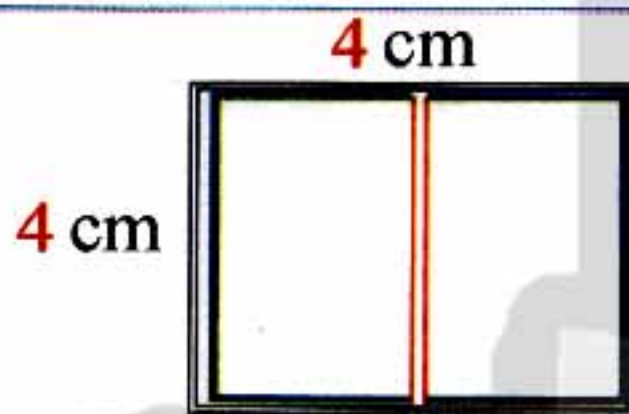
The area = ...

The area = ...

3 **Choose the correct answer :**

(a) The smallest number can be formed from 6,5,8,7 is ......
(8765 , 5678 , 8567)

(b) 200 cm = ... m
(2 , 20 , 200)

(c) 51 thousand and one = ...
(5101 , 15001 , 51001)

(d) 50 × 70 = 5 × 7 × ......
(35 , 10 , 100)

4 **Write the time as shown:**

.... : ....

.... : ....

.... : ....
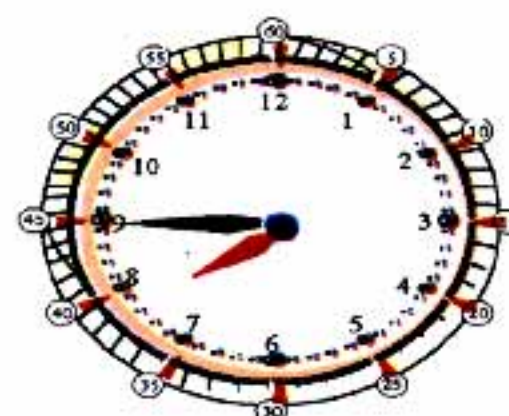
Bakkar Series

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BAKKAR

Skill part

Bakkar Self - check (14)

1 **Find the result :**

a)
```
  6005
+ 3299
```
....

b)
```
  3289
+ 2787
```
....

c)
```
  4321
- 3121
```
....

d)
```
  9895
- 5775
```
....

2 **Complete the following :**

$$5 \times 6 = ...$$

..... ÷ 5 = 6

30 ÷ 6 = ...

$6 \times .... = ...$

$....... \times .... = 42$

$42 \div 6 = ...$

$42 \div .... = 6$
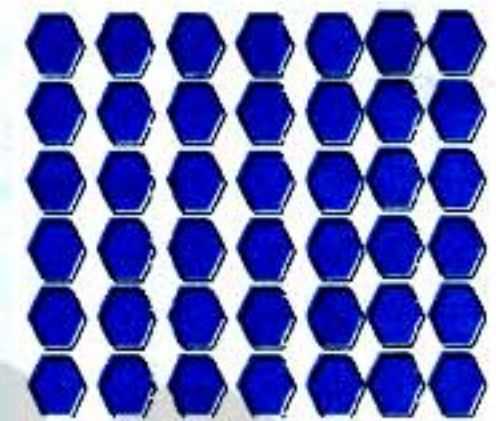
3 **Choose the correct answer :**

a) The place value of 3 in 3158 is .... (ones , hundred , thousand)

b) Half of an hour = ... minutes (5 , 30 , 15)

c) $6 \times 13 = (6 \times 6) + (6 \times ....)$ (9 , 8 , 7)

d) $45 \div (3 \times 3) = ...$ (9 , 5 , 7)

e) 9 (.........) 28 ÷ 7 (> , = , <)

4 **Write the factors of the following numbers :**

10
...... × ......

12
...... × ...... × ......

Factors of 10 : ....

Factors of 12 : ....

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Primary 3 - Term 1